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LIST OF MEMBERS

HONORARY MEMBERS

	DATE OF ADMISSION
BEMENT, R. B. C. St. Paul, Minn.	Apr. 18, 1888
CAMERON, WILLIAM L. 2415 Ave. K, Galveston, Tex.	Mch. 29, 1881
CAULFIELD, JOHN Mgr. Bismarck Water Supply Co., Bismarck, N. D.	July 14, 1887
HOLLY, IRA A. 223 Clinton Ave., New Haven, Conn.	Mch. 29, 1881
HOLMAN, M. L. 721 Olive St., St. Louis, Mo.	Mch. 29, 1881
LECONTE, L. J. C. & Cons. Engr., 2501 Piedmont Ave., Berkeley, Cal.	July 26, 1886
NAKAJIMA, Y. Imperial University, Tokyo, Japan.	July 14, 1887

ACTIVE MEMBERS

ABBOTT, G. H. Treas. & Supt. Southbridge Water Supply Co., Southbridge, Mass.	June 4, 1912
ACKERMAN, J. WALTER Supt. Water Board, Auburn, N. Y.	June 24, 1913
ADAMS, ALTON D. Public Service Engineer, Natick, Mass.	June 4, 1912
ADAMS, HENRY Cons. Engr., 1263-69 Calvert Bldg., Baltimore, Md.	Apr. 22, 1914
AERYNS, ALBERT NELSON 716 Greenwood Ave., Brooklyn, N. Y.	Mch. 4, 1915
AHEARN, JOHN T. 1903 Adelia St., Nashville, Tenn.	June 7, 1914
ALDRICH, A. C. Supt. of Sts., Rm. 3, City Hall, Beardstown, Ill.	May 29, 1916

ALEXANDER, MONTGOMERY Chem. & Bact., 1224 Washington St., Wilmington, Del.	Apr. 22, 1914
ALLEN, HUGH L. Supt. Water & Light Com., Greenville, N. C.	Apr. 5, 1917
ALLEN, WILLIAM JOHN Ch. Engr. & Bact., 329 Cory Ave., Waukegan, Ill.	Mch. 4, 1915
ALLIN, T. D. Comnr. Pub. Wks., City Hall, Pasadena, Cal.	July 12, 1906
ALLISON, JAMES E. 300 Security Bldg., St. Louis, Mo.	June 24, 1913
ALVORD, JOHN W. Cons. Engr., 1417-18 Hartford Bldg., Chicago, Ill.	May 17, 1889
AMES, CLARENCE F. Supt. Water Works, Norwich, N. Y.	Apr. 10, 1918
AMISS, THOMAS L. Supt. Water and Sewerage, Shreveport, La.	June 26, 1918
AMOS, JOHN F. Ch. Engr. R. & L. O. Water Co., Charlotte Stn., Rochester, N. Y.	June 8, 1908
AMSBARY, F. C. Mgr. Water Co., Champaign, Ill.	June 11, 1902
ANDERS, FRANK LAFAYETTE City Engineer, Box 185, Fargo, N. D.	June 10, 1911
ANDERSON, J. F. 417 N. Denver Ave., Kansas City, Mo.	June 24, 1913
ANDERSON, ROBERT M. Prof. Engrg. Practice, Stevens Inst., Hoboken, N. J.	Dec. 20, 1916
ANDERSON, W. F. Supt. Water Works, Effingham, Ill.	May 12, 1914
ANDREWS, GEORGE C. Water Comnr., 2 Municipal Bldg., Buffalo, N. Y.	Feb. 20, 1917
ANDREWS, LEWIS P. Mgr., Secty. & Treas. Water Co., Sedalia, Mo.	June 7, 1904
ANDREWS, ROBERT E. Natl. Bd. Fire Underwriters, 76 William St., New York, N. Y.	June 24, 1913
ANGIER, E. E. Chmn. Bd. Water Comrs., 117 E. 7th St., Beardstown, Ill.	June 26, 1918
ANGUS, ROBERT W. Prof. of Mech. Engrg., Univ. of Toronto, Toronto, Can.	Jan. 29, 1917

ANTHONY, CHAS. Genl. Mgr. Water Co., Cassilla Correo 149, Bahia Blanca, Argentine Republic, S. A.	July 18, 1907
APPLEBAUM, SAMUEL BERNARD, C.E. San. Engr., 259 E. 182d St., New York, N. Y.	May 3, 1916
ARCHER, ELMER T. Cons. Engr., New England Bldg., Kansas City, Mo.	June 26, 1918
ARMSTRONG, JAMES W., C.E. Lake Montebello, Hillen Rd., Baltimore, Md.	Apr. 27, 1910
ARMSTRONG, RAY Supt. Water & Sewer Dept., Rome, N. Y.	Apr. 22, 1914
ARMSTRONG, ROGER W. Camp Quartermaster's Office, Camp Upton, N. Y.	Apr. 14, 1916
ATKINSON, T. R. Cons. Engr., Bismarck, N. D.	June 24, 1915
ATTERSALL, CHARLES F. Supt. Water Works, Winchester, Ky.	July 18, 1907
AYRES, JOHN H. 208 School St., Bennington, Vt.	May 12, 1908
AYRES, LOUIS E., C.E., B.S. Cornwell Bldg., Ann Arbor, Mich.	Nov. 19, 1914
AYRES, THOMAS H. 905 Sherman Ave., South Bend, Ind.	June 24, 1913
BABBITT, HAROLD E. Capt. Engrs. Res. A. S., S. O. S., Am. Exp. Forces, France.	Jan. 12, 1915
BABCOCK, G. H. Supt. Water Works, East Rochester, N. Y.	June 8, 1916
BACHMAN, FRANK Chem. & Bact., State Bd. of Health, Berkeley, Cal.	Apr. 21, 1915
BAIN, ERNEST B. Supt. City Water Dept., Raleigh, N. C.	June 7, 1904
BAIR, MAURICE Z. Prin. Asst. Engr. State Bd. of Health, Page Hall, Ohio State Univ., Columbus, Ohio.	May 8, 1915
BAKER, M. N. Assoc. Editor <i>Engineering News-Record</i> , 10th Ave. at 36th St., New York, N. Y.	June 24, 1903
BALDWIN, FRED N. Supt. Water Works, Flint, Mich.	May 14, 1915
BALDWIN, HENRY DEFOREST Prest. Queens Co. Water Co., 49 Wall St., New York, N. Y.	Apr. 27, 1910

BANCROFT, LEWIS M. Supt. Water Works, Reading, Mass.	June 27, 1905
BARBOUR, FRANK A. Cons. Hyd. & San. Engr., 1120 Tremont Bldg., Boston, Mass.	July 10, 1906
BARCLAY, W. E. Supt. Dept. Water and Elect., Aurora, Ill.	June 26, 1918
BARDWELL, R. C. Chemist, Mo. Pac. Ry. Co., 627 Midland Bldg., Kansas City, Mo.	Nov. 1, 1914
BARLOW, J. E. C. & Hyd. Engr., Serv. Dir., City Hall, Dayton, Ohio.	May 14, 1915
BARNES, T. HOWARD, Cons. Engr., United Fruit Co., 1646 Whitehall Bldg., New York, N. Y.	Jan. 12, 1915
BARNHARD, P. Mgr. Mt. Carmel Pub. Util. Co., Mt. Carmel., Ill.	Oct. 23, 1914
BAER, WILLIAM M. Con. Chem., U. P. R. R. Co. & O. S. L. R. R. Co., Omaha, Neb.	Feb. 19, 1917
BARRETT, CHARLES F. Supt. Water Works, City & Co. Bldg., Salt Lake City, Utah.	June 24, 1913
BARTLETT, N. EMORY Natrona Water Co., 1000 Widener Bldg., Philadel- phia, Pa.	June 8, 1909
BARTOW, EDWARD Major San. Corps, N. A., Am. Exp. Forces, France	July 10, 1906
BASCOM, G. R. Major San. Corps, N. A., Camp San. Engr., Camp Pike, Ark.	Sept. 19, 1914
BASS, FREDERICK H. 429 Union St., Minneapolis, Minn.	July 18, 1907
BASSETT, CARROL P., C.E. Treas. Commonwealth Water & Lt. Co., Sum- mit, N. J.	July 10, 1906
BASSETT, GEORGE B., C.E. 691 W. Ferry St., Buffalo, N. Y.	June 15, 1898
BATCHELDER, GEORGE W. Water Commr., 19 City Hall, Worcester, Mass.	May 12, 1914
BATON, WARREN U. C. Chief Analyst, 528 South Lang Ave., Pittsburgh, Pa.	July 18, 1907
BAUERISEN, R. J., M.E. C. P. Brant & Co., 710 Marquette Bldg., Chicago, Ill.	Aug. 24, 1915

BAYLIS, JOHN R. Chem., Baltimore Filt. Plant, 3402 Harford Ave., Baltimore, Md.	Oct. 26, 1915
BEAN, GEORGE L., C.E. 1729 N. 19th St., Philadelphia, Pa.	Dec. 29, 1913
BEARDSLEY, JOSEPH C. P. O. Box 237, Cleveland, Ohio.	June 24, 1903
BECK, F. E. Chf. Engr., Consolidated Water Co., Utica, N. Y.	May 14, 1915
BEDDELL, JAMES Supt. Water Works, 10 Croton Ave., Ossining, N.Y.	May 12, 1908
BEITER, G. C. Water Supt., Carroll, Iowa.	May 13, 1916
BELL, DAVID V. Supt. Water Co., U. P. R. R. Co., 325 N. Front St., Rock Springs, Wyo.	June 8, 1909
BEMIS, EDWARD W. City Hall Square Bldg., Chicago, Ill.	June 24, 1903
BENNETT, A. N. 1st Lieut., 337th F. A. R. C., Camp Dodge, Ia.	Feb. 5, 1917
BENNETT, C. G., M.E. State Pub. Util. Comn., 820 So. 7th St., Springfield, Ill.	Apr. 23, 1915
BENZENBERG, G. H. Cons. Engr., 1310 Wells Bldg., Milwaukee, Wis.	Apr. 18, 1888
BERGAN, PATRICK H. Supt. Works, Mount Union, Pa.	Apr. 22, 1914
BERNHAGEN, LEWIS O. Chem. & Asst. Supt. Filtn. Plant, 1502 Second Ave., South, Minneapolis, Minn.	Mch. 3, 1917
BERRY, FRED D. Secty. Bd. Water Comrs., Hartford, Conn.	Mch. 26, 1918
BERRY, J. P. Supt. Water Works, Waterloo, Iowa.	May 26, 1896
BETTES, CHARLES R. Chf. Engr. Queen Co. Water Wks., Far Rockaway, N. Y.	June 18, 1901
BEYER, ALBIN H., C.E. Assoc. in Civ. Eng., Columbia University, New York, N. Y.	June 8, 1916
BIGGS, GEORGE W., JR. Chf. Engr. Amer. Water Wks. & Elect. Co., 50 Broad St., New York, N. Y.	June 2, 1916

BIRDSALL, LEWIS I. Supt. of Filt., Minneapolis, Minn.	June 24, 1913
BIRKINBINE, CARL P. Hyd. Engr., Parkway Bldg., Philadelphia, Pa.	May 24, 1914
BISHOP, WESLEY Genl. Supt., Township of Chester Water Dept., Moorestown, N. J.	Apr. 4, 1916
BISHOP, WILLIAM Doylestown, Bucks Co., Pa.	May 12, 1908
BITGOOD, FREDERICK C., M.E. 1308 Traction Bldg., Cincinnati, Ohio.	June 10, 1911
BIXBY, MADELEINE (MISS) Chemist, 70 Pleasant St., North Andover, Mass.	Feb. 11, 1917
BLACK, ERNEST B. Capt. Aviation Sec. Sig. Corp., Act. Eng. War Credits Bd., Washington, D. C.	June 24, 1913
BLACK, GURDON G. Maj. 314th Eng. Sappers, Am. Exp. Forces, France.	May 8, 1915
BLAIR, McCREA PARKER Capt. Comndg. Co. C, No. 1 Depot Battalion, Minto Barracks, Manitoba.	Apr. 7, 1910
BLAKE, C. H. M. Calle de la Reforma, 717 Guadalajara, Mex.	July 10, 1906
BLAKEMAN, S. R. Supt. Water & Lt. Dept., Dyersburg, Tenn.	Nov. 1, 1914
BLAKEMORE, ROBERT B. Comnr. of Water & Sewage, Box 136, Fargo, N. D.	May 14, 1915
BLEISTEIN, BERNARD J. Asst. Engr., Dept. W. S. G. & E. of N. Y. City, 240 Jamaica Ave., Long Island City, N. Y.	May 7, 1918
BLIVEN, CHARLES H. Supt. Norfolk Co. Water Co., Norfolk, Va.	May 12, 1916
BLIVEN, GEORGE H. Supt. R. & L. O. Wtr. Co., 440 Powers Bldg., Rochester, N. Y.	July 18, 1917
BLOMQUIST, H. F. City Engineer, City Hall, Mankato, Minn.	Apr. 3, 1917
BLOSSOM, FRANCIS Engr. & Contr., 52 William St., New York, N. Y.	July 10, 1906
BOARDMAN, W. H., C.E. 426 Walnut St., Philadelphia, Pa.	Sept. 7, 1893
BOEH, W. H. 1214 Louden Ave., Cincinnati, Ohio.	May 16, 1900

BOGART, JOHN Cons. Engr., 29 Broadway, New York, N. Y.	May 18, 1892
BOHMANN, HENRY P. Supt. Water Works, Milwaukee, Wis.	June 24, 1913
BOLLING, CHARLES E. City Engineer, Richmond, Va.	Apr. 15, 1891
BOOKER, WARREN H. c/o State Bd. of Health, Raleigh, N. C.	June 4, 1912
BOOTH, L. M. Prest. Booth Chemical Co., P. O. Box 203, Elizabeth, N. J.	May 12, 1914
BOOTH, WILLIAM MILLER Chem. Engr., Dillaye Bldg., Syracuse, N. Y.	June 8, 1909
BORDEN, MORO M. 310 Lees Ave., Collingswood, N. J.	June 4, 1912
BOUTELLE, GEORGE K. Treas. Kennebec Water Dist., Waterville, Me.	May 12, 1908
BOWKER, CHARLES L. Supt. Brunswick & Topsham Water Dist., Bruns- wick, Me.	June 10, 1906
BOWLES, JAMES TEN BROECK Lieut.-Col. San. Corps, Am. Exp. Forces, France	June 8, 1909
BOWNE, WILLIAM E. Eng. in Chge. Pumping Stn., Dept. W. S. G. & E., Bellemore L. I.	May 30, 1916
BOYD, M. M. Supt. Water Works, Spartanburg, S. C.	May 10, 1917
BOYLE, EDWARD CHARLES Genl. Supr. of Filtn., E. I. du Pont de Nemours & Co., City Point, Va.	Apr. 14, 1916
BRADLEY, EDGAR JOSEPH Res. Engr., Millbrook Water Works, Millbrook, S. Australia.	June 24, 1913
BRANDLI, H. E. Treas. & Gen. Mgr. Citizens Gas, Elect. & Heating Co., Mt. Vernon, Ill.	Apr. 21, 1915
BREIDENBACH, E. H. Mgr. & Supt. Owensboro Municipal Elect. & Water Softening & Purifying Plants, Owensboro, Ky.	June 24, 1912
BREITZKE, CHARLES F. San. Engr., Jersey City Water Wks., Boonton, N. J.	June 10, 1911
BRENNAN, B. C. Capt. Engr. Corps, Am. Exp. Forces, France	June 24, 1913

BRICKER, R. P. Prest. Shelby Water Co., Shelby, Ohio.	Nov. 23, 1915
BRIGHTMAN, HORACE I. Prest. Staten Island Water Supply Co., 115 Broadway, New York, N. Y.	June 11, 1902
BRITTON, GUY, C.E. 150 Nassau St., New York, N. Y.	Dec. 1, 1913
BROOKS, JAMES E. Prest. James E. Brooks Co., Supt. Water Dept., Glen Ridge, N. J.	Oct. 16, 1914
BROOKS, JOHN N., C.E. Douglaston, N. Y.	June 24, 1913
BROSSMANN, CHARLES Cons. Engr., 1616 Merchants Bk. Bldg., Indianapolis, Ind.	Apr. 4, 1916
BROWER, IRVING C. Comnr. of Pub. Wks., Evanston, Ill.	Aug. 24, 1915
BROWN, C. ARTHUR San. Eng., West Erie Ave., R. F. D. 2, Lorain, O.	June 27, 1905
BROWN, C. D. Mgr. Walkerville Water Co., Walkerville, Ontario.	Oct. 16, 1916
BROWN, CALVIN S. The Belvedere, Toledo, Ohio.	Mch. 15, 1882
BROWN, CHARLES CARROLL Cons. Engr., 304 E. Walnut St., Bloomington, Ill.	May 12, 1906
BROWN, HORACE A., C.E. City Engr. & Supt. Water Wks., Ottumwa, Iowa.	June 10, 1911
BROWN, RASSELAS W. Co. A, 112th U. S. Inf., Camp Hancock, Ga.	Apr. 4, 1916
BROWN, ROBERT H. Capt. San. Corps, N. A., Camp A. A. Humphreys, Va.	May 12, 1908
BROWN, WALTER I. City Hall, Bangor, Me.	Oct. 31, 1914
BRUA, E. G. Drawer F, Bartlesville, Okla.	May 12, 1908
BRUCE, T. E. Supt. Water Co., Tupper Lake, N. Y.	Apr. 3, 1917
BRUSH, WILLIAM W. Depty. Ch. Engr., Dept. W. S., G. & E., Municipal Bldg., New York, N. Y.	June 10, 1911
BRYSON, G. H., C.E. Brockville, Ont., Canada.	July 18, 1907

BUCK, WILLIAM H. Engr. & Supt. Constr., Riverton & Palmyra Water Co., Riverton, N. J.	Mch. 2, 1916
BUDELMAN, GEORGE A. Asst. Engr., Whitney Ave., Elmhurst, L. I., N. Y.	Mch. 28, 1914
BUERGER, CHARLES B., C.E. c/o Atlantic Refining Co., Philadelphia, Pa.	Mch. 28, 1914
BULKELEY, OSCAR E. Power Dept. Dn Pont Eng. Co., Nashville, Tenn.	June 24, 1913
BULL, IRVING C. Analytical & Cons. Chem., 100 Maiden Lane, New York, N. Y.	June 8, 1906
BUNKER, GEORGE CYRUS Balboa Heights, C. Z.	July 10, 1906
BUNTING, P. G. Mgr. City Pt. Water Co., Box 11, Petersburg, Va.	Feb. 8, 1916
BURDICK, CHARLES B. Hyd. & San. Engr., 1417 Hartford Bldg., Chicago, Ill.	July 18, 1907
BURGESS, PHILIP Hyd. Engr., 828 Columbus Sav. & Trust Bldg., Columbus, Ohio.	June 10, 1911
BURNETT, M. Supt. Water Works, Paducah, Ky.	Apr. 17, 1889
BURNIE, ARTHUR N. Asst. Supt. Biddeford & Saco Water Co., Biddeford, Me.	Mch. 27, 1916
BURNS, CLINTON S. Cons. Hyd. Engr., 402 Interstate Bldg., Kansas City, Mo.	April 27, 1910
BURNS, T. W. City Engr. & Supt. Water Works, Fairbury, Ill.	June 27, 1905
BUSWELL, A. M. Lieut. San. Div. Med. Corps, Am. Exp. Forces, France.	May 10, 1916
BUTLER, JAMES S. Supt. Pub. Serv. Comn., Yazoo City, Miss.	June 10, 1911
BUTTENHEIM, HAROLD S. Ed. <i>The American City</i> , 154 Nassau St., New York, N. Y.	June 24, 1913
BUZZELL, ROYAL S. Chem., Supt. Filtn., 726 East Court St., Flint, Mich.	June 27, 1917
CAIRD, JAMES M. Chemist & Bact., 271 River St., Troy, N. Y.	May 16, 1900

CALDWELL, JAMES H., C.E. 55 First St., Troy, N. Y.	July 10, 1906
CALKINS, WILLIS N. 2200 Harriet Ave., Minneapolis, Minn.	June 11, 1902
CALVO, ARTURO R. Mgr. of Sales, The Permutit Co., 440 Fourth Ave., New York, N. Y.	Apr. 14, 1916
CAMERON, ARCHIBALD PRESTON 10 Clive St., Calcutta, India.	June 4, 1912
CAMPBELL, C. B. Supt. Bureau of Water, Altoona, Pa.	May 4, 1915
CAMPBELL, GEORGE A. P. O. Box 805, Reno, Nev.	June 24, 1913
CAPELEN, F. W. City Engr., 2129 Girard Ave., Minneapolis, Minn.	Sept. 7, 1893
CARLIN, PHILIP Supt. Water Works, Sioux City, Iowa.	Apr. 15, 1891
CARLISLE, CHARLES C. Cons. Engr., 212 First Natl. Bk. Bldg., Cheyenne, Wyo.	Apr. 27, 1910
CARR, J. A. Corp. Aviation Sect., Signal Corps, Amer. Exp. Forces, France.	May 3, 1916
CARROLL, EUGENE V.-Pres. & Mgr. Water Wks., Butte, Mont.	June 7, 1904
CARSTEIN, LORENZ W. F. Supt. Long Beach Water Co., Long Beach, N. Y.	May 8, 1915
CARTER, C. D. Supt. Water & Sewage Dept., Charlottesville, Va.	July 10, 1906
CASE, R. E. Ensign Naval Reserve, New London, Conn.	June 9, 1916
CASTLE, GEORGE J. Supt. & Secty., Carlinville Wtr. Sup. Co., Carlinville, Ill.	Nov. 24, 1914
CASTON, D. L. Supt. Water Works, Commerce, Ga.	June 8, 1916
CATCHPOLE, C. T. Asst. Genl. Mgr. The Denver Union Water Co., P.O. Box 629, Denver, Colo.	June 10, 1911
CATLETT, GEORGE F. Capt. San. Corps, Am. Exp. Forces, France	June 8, 1916

CAVALLIER, C., C.E. 62 Rue Coumartin, Paris, France.	Nov. 1, 1916
CHAMOT, E. M. Prof. San. Chemistry, Cornell University, Ithaca, N. Y.	Apr. 19, 1915
CHAMPE, GEORGE, C.E. 610 Nasby Bldg., Toledo, Ohio.	June 24, 1913
CHAMPION, R. B. Box 67, Chester, Pa.	Mch. 28, 1914
CHAPMAN, L. H. Comnr. Water & Light, Kansas City, Kans.	June 26, 1918
CHASE, CHARLES P., C. E. 123 Sixth Ave., Clinton, Ia.	Sept. 12, 1916
CHENEY, J. Y. 2nd Lieut. Co. D., 17th Inf., Tampa, Fla.	May 1, 1917
CHESTER, CHARLES E., C.E. Mgr. City Water Co., Shelbyville, Ill.	Dec. 18, 1913
CHESTER, J. N., H. & M.E. Union Bk. Bldg., Pittsburgh, Pa.	June 10, 1911
CHILDS, J. A. Engr. State Bd. of Health, 1988 Summit Ave., St. Paul, Minn.	Feb. 24, 1917
CHIPLEY, DUDLEY Engr. & Supt. Columbus Water Wks., P. O. Box 854, Columbus, Ga.	Apr. 15, 1917
CHIPMAN, WILLIS, C.E. 103 Bay St., Toronto, Ont., Canada.	April 18, 1888
CHISHAM, J. M. Supt. Water Co., Atchison, Kan.	June 11, 1902
CHRISTIE, J. G. C., C.E. Lieut. 505 Aero Squadron, Camp Greene, Charlotte, N. C.	Nov. 10, 1914
CLAIBORNE, HERBERT A. Lieut. 485th Aero. Squad. Am. Exp. Forces.	May 10, 1917
CLANCY, LESTER J. Supt. Stge. Yd., Bd. of Water Comnrs., 729 Canton Ave., Detroit, Mich.	May 9, 1915
CLARK, H. W. Pres. & Gen. Mgr. Clear Water Co., Mattoon, Ill.	May 29, 1895
CLARK, RICHARD Supt. Water Wks., Merritton, Ont.	June 27, 1905

CLARK, WILLIAM H. Supt. Water Wks., Avon, N. Y.	June 1, 1917
CLARKE, DAVID DEXTER, Ch. Engr. Bur. of Water Wks., Portland, Ore.	Nov. 1, 1914
CLAYTON, R. M. Cons. Engr., 112 Hurt St., Atlanta, Ga.	Apr. 15, 1891
CLEMMITT, ROBERT L. 3625 Springdale Ave., Baltimore, Md.	Apr. 27, 1910
CLEVERDON, WALTER S. L. Asst. Engr., Dept. W. S. G. & E., 2323 Loring Place, Bronx, New York, N. Y.	Apr. 4, 1916
CLIFTON, CHARLES ELMER Chemist, 271 River St., Troy, N. Y.	Apr. 27, 1910
CLINKENBEARD, JOHN F. Water Com., Missouri Valley, Ia.	Oct. 23, 1917
COBB, CHARLES H. Supt. Water Wks., Kankakee, Ill.	June 7, 1904
COBLEIGH, W. M. Prof. of Chemistry, Montana State College, Boze- man, Mont.	Dec. 29, 1913
COGGESHALL, R. C. P. Supt. Water Wks., New Bedford, Mass.	Dec. 30, 1914
COLE, EDWARD S. Prest. The Pitometer Co., 25 Elm St., New York, N. Y.	June 11, 1902
COLEHOUR, R. A. Asst. Water Engr., 3517 Du Pont Ave., South, Min- neapolis, Minn.	June 24, 1913
COLLINS, F. W. Supt. Water Wks., Box 258, Manistee, Mich.	May 19, 1916
CONANT, E. R. Ch. Engr., City of Savannah, Savannah, Ga.	May 1, 1917
CONARD, W. R. Sav. Inst. Bldg., Burlington, N. J.	June 7, 1904
CONNOR, F. J. Supt. Water Wks., Sioux Falls, S. Dak.	May 16, 1900
CONNOR, VIRGIL R. Trustee Kennebec Water Dist., Fairfield, Me.	May 12, 1908
CONRAD, L. E. Prof. Civil & Highway Engrg., 317 N. 17th St., Man- hattan, Kans.	May 14, 1915

AMERICAN WATER WORKS ASSOCIATION

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CONVERSE, WILLIAM A. Chemist, McCormick Bldg., Chicago, Ill.	June 8, 1909
CONWAY, G. R. G. The Mexican Lt. & Power Co., 18 Manning Arcade, Toronto, Ont., Can.	June 8, 1909
COOK, HORACE J., C.E. Asst. Engr. Kennebec Water Dist., 14 Burleigh St., Waterville, Me.	Feb. 11, 1917
COOK, JOHN H. Hyd. Engr. East Jersey Water Co., 158 Ellison St., Paterson, N. J.	July 10, 1906
COOPER, GEORGE F. Secty. & Treas. Water Works, Xenia, Ohio.	May 12, 1914
COOPER, SAMUEL W. C. & Hyd. Engr., Lewistown, Pa.	May 12, 1914
COPPOCK, WILLIAM Board of Trustees, Council Bluffs, Iowa.	June 24, 1913
CORBIN, CLEMENT K. Prest. Bergen Water Co., 243 Washington St., Jersey City, N. J.	May 12, 1908
CORBIN, H. K. Contractor, 30 Church St., New York, N. Y.	Apr. 16, 1914
CORIN, MAGNUS F. Chemist, 511 Hansberry St., Germantown, Pa.	Apr. 27, 1910
CORR, ANDREW S. Inspector, 350 Thomas St., Phillipsburg, N. J.	June 27, 1905
COSCULLUELA, JUAN ANTONIO Calle de Obispo 54, Havana, Cuba.	June 24, 1913
COTHRAN, THOMAS W., C.E. 114 Blake St., Greenwood, S. C.	June 4, 1913
COULT, F. H. Cons. Engr., 5112 Raymond Ave., St., Louis, Mo.	Oct. 23, 1914
COULTER, WALDO S. Cons. Engr., 114 Liberty St., New York, N. Y.	Dec. 6, 1916
COWAN, JOHN D. City Water Comnr., Waukon, Iowa.	Apr. 14, 1916
COX, HOMER F. Ch. Engr. Scranton Gas & Water Co., 430 Colfax Ave., Scranton, Pa.	May 12, 1914
COXE, WILLIAM G. Water Comnr., 1005 Broome St., Wilmington, Del.	Apr. 14, 1916

CRAMER, W. S. Chf. Engr., Water Wks. Co., P. O. Box 42, Lexington, Ky.	May 12, 1908
CRANE, HON. ARTHUR M. Mayor, Roselle Park, N. J.	May 7, 1918
CRANE, JACOB L., JR. San. Engr., 204 Locust St., Harrisburg, Pa.	Nov 12, 1917
CRICHTON, ANDREW B. Secty. & Treas. Portage Water Co., Johnstown, Pa.	Apr. 21, 1915
CRIPPS, GEORGE E. Supt. Water Works Repair Dept., 18 Eagle St., Rochester, N. Y.	June 8, 1909
CROLL, EMIL A. Supt. Water Wks., Iron Mountain, Mich.	Sept. 7, 1893
CROXEN, C. A. Supt. Taxpayers Municipal Water Works, 105 E. Montgomery St., Creston, Iowa.	Feb. 5, 1916
CROZIER, RAY Engr. & Supt. Peoria Water Wks., Peoria, Ill.	Apr. 21, 1915
CUDDEBACK, ALLAN W. Engr. & Supt. Passaic Water Co., 158 Ellison St., Paterson, N. J.	June 7, 1904
CULYER, THURSTON C. Engr. Eastern Watershed Div., Dept. W. S. G. & E., City of N. Y., Purdy Station, N. Y.	June 26, 1916
CUMMIN, GAYLORD C., C.E. City Mgr., Grand Rapids, Mich.	June 4, 1912
CURRAN, H. C. Supt. Water Works, Waterford, N. Y.	May 12, 1914
CUTTS, FRANCIS T. Asst. Water Comnr., 34 East Grand Ave., St. Louis, Mo.	June 15, 1914
DAGGETT, FRED W. Supt. Filtn. Plant, Trenton, N. J.	Jan. 28, 1916
DAILY, CORNELIUS M. Engr. in Chge. Sup. & Purif. Sect. St. Louis Water Dept., St. Louis, Mo.	Apr. 15, 1918
DALLYN, F. A., C.E. Prov. San. Engr., 137 Geoffrey St., Toronto, Ont.	Dec. 18, 1913
DANIELS, FRANCIS E. Capt. San. Corps, Camp Lee, Petersburg, Va.	Sept. 18, 1913
DAPPERT, JAMES W., C.E. Lock Box 141, Taylorville, Ill.	Oct. 23, 1914

DAVIDSON, GEORGE M. Chem. & Engr. of Tests, C. & N. W. Ry. Shops, Chicago, Ill.	Apr. 19, 1915
DAVIS, CARLETON E. Chief, Bureau of Water, Philadelphia, Pa.	June 24, 1913
DAVIS, E. E. Supt. Water Works Dept., Richmond, Va.	May 12, 1908
DAVIS, FRANK J. Supt. Ansonia Water Co., 100 Main St., Ansonia, Conn.	May 13, 1916
DAVISSON, W. C. V.-Prest. & Treas., W. Va. Water & Electric Co., Charleston, W. Va.	June 4, 1912
DAW, LAWRENCE Ch. Engr. Underwriters Assn. of N. Y., 700 Gurney Bldg., Syracuse, N. Y.	May 13, 1916
DAWSON, R. C. Supt. Water Dept., City Hall, Bay City, Mich.	June 8, 1916
DAY, LEONARD A. Ch. Mech. Engr. Op. Sect., Wtr. Dept., 4015-A Greer Ave., St. Louis, Mo.	Apr. 4, 1917
DEBERARD, W. W. Western Ed. <i>Engineering News-Record</i> , 1570 Old Colony Bldg., Chicago, Ill.	June 4, 1917
DECKER, A. CLINTON Chem. Bact. & San. Engr., P. O. Box 790, Birming- ham, Ala.	June 15, 1915
DECKER, JOHN H. Bartlett Bldg., Atlantic City, N. J.	July 18, 1907
DENMAN, ARTHUR R. Bd. Street & Water Comnrs., 790 Broad St., Newark, N. J.	June 8, 1909
DENMAN, CHARLES SING Genl. Mgr. Des Moines Water Co., Des Moines, Iowa.	Dec. 22, 1915
DENNETT, ROBERT C. Hyd. Engr., Natl. Bd. Fire Underwriters, 76 William St., New York, N. Y.	May 12, 1914
DESSERTY, FLOYD G. Civil & Hyd. Engr., 511-514 Central Bldg., Los Angeles, Cal.	Apr. 27, 1910
DEVARONA, I. M. 805 St. Nicholas Ave., New York, N. Y.	June 4, 1912
DEWEY, ALVIN H. V.-Prest. & Genl. Mgr. R. & L. O. W. Co., 440 Powers Bldg., Rochester, N. Y.	June 4, 1912

DEVINE, WILLIAM J., C.E. Supt., Ambler Spring Water Co., Ambler, Pa.	July 18, 1907
DILL, H. A. Supt. Water Works, Richmond, Ind.	May 16, 1900
DITTOE, W. H. Ch. Engr. State Dept. of Health, Columbus, Ohio.	Mch. 28, 1914
DIVEN, J. M. Supt. Water Works, Troy, N. Y.	Apr. 16, 1884
DIVEN, J. M., JR., C.E. 2nd Lieut. U. S. O. R., Edgewood Arsenal, Edgewood, Md.	June 4, 1913
DOCKWEILER, JOHN H., C.E. 624-5 Crocker Bldg., San Francisco, Cal.	May 12, 1908
DOMAN, JOSEPH Asst. Engr. State Bd. of Health, 102 C. E. Bldg., Berkeley, Cal.	May 1, 1917
DONAHUE, J. P. Secty. & Treas. Water Co., Davenport, Iowa.	Apr. 16, 1884
DONALDSON, WELLINGTON Amer. Water Wks. & Elect. Co., 50 Broad St., New York, N. Y.	Apr. 27, 1910
DONNAN, ALVAN Secty. Waynesburg Water Co., Washington, Pa.	July 18, 1907
DONNELLY, RICHARD J. San. Engr., 515 West 156th St., New York, N. Y.	May 10, 1917
DORWAY, C. M. Supt. Water Works, Eveleth, Minn.	May 10, 1917
DOTEN, LEONARD S. Major Q. M. C., N. A., Constr. Div., 1714 Euclid St. N. W., Washington, D. C.	Oct. 23, 1914
DOWNES, JOHN R. Green Brook Park, Bound Brook, N. J.	July 10, 1906
DRAKE, DR. C. ST. CLAIR Secty. State Bd. of Health, Springfield, Ill.	Jan. 15, 1916
DRAKE, CHESTER F. Div. Supt. Pittsburgh Filtn. Plant, Aspinwall, Pa.	Apr. 27, 1910
DRAKE, WILLIAM O. City Engr., Supt. Pub. Wks., City Hall, Corning, N. Y.	May 1, 1917
DREW, JOHN A. Prest. Castle Heights Water Co., 90 West St., New York, N. Y.	May 1, 1917

DUGGAN, THOMAS R., PH.D., F.I.C. Chemists Club, 52 E. 41st St., New York, N. Y.	Dec. 18, 1913
DUMOULIN, W. L. New Cornelia Copper Co., Ajo, Arizona	June 10, 1911
DUNCANSON, ARCHIE VAIL City Engr.'s Office, Minneapolis, Minn.	July 15, 1917
DUNHAM, H. F., C.E. 149 Broadway, New York, N. Y.	Apr. 16, 1884
DUNLAP, FRED C. Cons. Engr., Oak Lane, Philadelphia, Pa.	May 12, 1908
DUNLAP, JOHN H. Asst. Prof. Hyd. & San. Engrg., State Univ. of Iowa, Iowa City, Iowa.	Oct. 23, 1914
DUNWOODY, J. H. Chemist Water Dept., Erie, Pa.	June 24, 1913
DURLAND, SMITH N. Cashier Queens Co. Water Co., 15 John St., Far Rockaway, N. Y.	Jan. 27, 1914
DURST, J. ARTHUR, M.E. 112 N Broad St., Philadelphia, Pa.	May 12, 1914
DUSINBERRE, GEORGE B. Major O. R. C., 7th & B Sts., Washington, D. C.	Nov. 17, 1916
DUTTON, MARSHALL S. E. St. L. & Interurban Water Co., 513 Missouri Ave., East St. Louis, Ill.	Dec. 22, 1915
DWYER, CORNELIUS 18 Chuctanunda St., Amsterdam, N. Y.	Oct. 16, 1914
EARL, GEORGE GOODELL Gen. Sup. Sewerage & Water Bd., 502 City Hall Annex, New Orleans, La.	July 18, 1907
EARL, RALPH Hyd. Engr., c/o Chas. W. Tarr, 110 Henry St., Detroit, Mich.	June 13, 1916
EASTERLING, R. A. Supt. Elect. Lt. & Water Wks, Union, S. C.	Mch 28, 1914
EASTWOOD, JOHN THOMPSON Prin. Asst. Engr. Sewer & Water Bd., City Hall Annex, New Orleans, La.	June 8, 1909
EDWARDS, WILLIAM R. Asst. Supt. Passaic Water Co., 156 Ellison St., Paterson, N. J.	Apr. 16, 1914
EGLOF, JOHN HENRY, C.E. 2216 13th St., Troy, N. Y.	June 4, 1912

ELDRIDGE, GUY Chem. Supt. of Filtn., 920 Fournier St., Ft. Worth, Tex.	Dec. 29, 1913
ELDRIDGE, H. D. Treas. Princeton Water Wks., Princeton, N. J.	Apr. 14, 1916
ELLIOTT, G. A. Engr. Spring Valley Water Co., 1270 Sacramento St., San Francisco, Cal.	May 14, 1915
ELLIOTT, ROBERT Water Comnr., Nashville, Tenn.	Apr. 22, 1914
ELLIS, GEORGE R. 11 South LaSalle St., Chicago, Ill.	July 18, 1907
ELLSWORTH, HARRY Supt. Water & Lt. Dept., Meadville, Pa.	July 18, 1907
ELROD, HENRY E. Cons. Engr., Interurban Bldg., Dallas, Tex.	Mch. 1, 1916
ELY, HOWARD M. Supt. Water Co., Danville, Ill.	June 8, 1909
EMERSON, C. A., JR. Act. Ch. Engr., State Dept. of Health, Harrisburg, Pa.	May 12, 1908
ENGER, M. L. Asst. Prof. Theoret. & App. Mech., Univ. of Illinois, Urbana, Ill.	Apr. 23, 1915
ENGH, HARRY MARIUS Civil & Appraisal Engr., American Appraisal Co., Milwaukee, Wis.	Mch. 27, 1916
ENGLAND, R. G., C.E. Fargo Engineering Co., 304 Commonwealth Bldg., Jackson, Mich.	Sept. 19, 1914
ENGLE, S. G. City Chemist, 664 Connecticut St., Gary, Ind.	Nov. 10, 1914
ENO, F. H., C.E. Ohio State Univ., Columbus, Ohio.	Dec. 1, 1913
ENSLow, LINN HARRISON Chem. Filter Plant, Spartanburg, S. C.	Aug. 12, 1918
ERICSON, JOHN E. 848 Lakeside Place, Chicago, Ill.	June 7, 1887
ERVAST, ANDREW, C.E. Union Bldg., San Diego, Cal.	May 12, 1908
ETNYRE, S. L. Supt. Water Works, Council Bluffs, Ia.	May 14, 1915

AMERICAN WATER WORKS ASSOCIATION

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ETZEL, GEORGE C. Analyst, 1101 12th Ave., Rock Island, Ill.	June 8, 1916
EVERETT, CHESTER M. of Hazen, Whipple & Fuller, 30 E. 42d St., New York, N. Y.	Mch. 14, 1915
EVERETTE, DR. WILLIS EUGENE Cons. Techn., 3512 S. Eleventh St., Tacoma, Wash.	Jan. 5, 1914
EVINGER, M. I. 211 Securities Building, Des Moines, Iowa.	Apr. 27, 1910
EWING, JAMES Hunter Dist. Water Sup. & Sew. Bd., Newcastle, N. S. W., Australia.	June 24, 1913
EYMER, HERMAN H. City Engineer, Saginaw, Mich.	June 4, 1912
FALLER, C. Supt. Carlisle Gas & Water Co., Carlisle, Penn.	June 8, 1909
FARNSWORTH, S. A. Comnr. of Finance, City Hall, St. Paul, Minn.	June 26, 1918
FELIX, GEORGE H. 138 N. Ninth Street, Reading, Pa.	Sept. 7, 1893
FELLOWS, C. L. Water Wks. Engr., 39 Lowther Ave., Toronto, Can.	June 7, 1904
FEREBEE, JAMES L. Sew. Comn., City Hall, Milwaukee, Wis.	Sept. 19, 1914
FERGUSON, HARRY FOSTER 1st Lieut. E. R. C., A. S., S. O. S., Am. Exp. Forces	Nov. 10, 1914
FERGUSON, S. F. Cons. Engr., 100 William St., New York, N. Y.	Jan. 12, 1915
FILBERT, WILLIAM D. Womelsdorf Consol. Water Co., Womelsdorf, Pa.	Apr. 27, 1910
FINKLE, F. C. Cons. Hyd. Engr., 449 I. W. Hellman Bldg., Los Angeles, Cal.	June 24, 1912
FISCHER, CHARLES H. Fire Protection Engr., 2844 Hudson Blvd., Jersey City, N. J.	June 27, 1914
FISHER, E. A. Cons. Engr., Rochester, N. Y.	June 4, 1912
FISHER, E. P. Supt. London Water Wks. Co., London, Ohio.	May 14, 1915
FISHER, L. A. P. O. Box 198, Concord, N. C.	Jan. 27, 1914

FITHIAN, FRANK S. Ch. Clerk Water Dept., City Hall, Camden, N. J.	Feb. 8, 1916
FITZPATRICK, JAMES R., C.E. Gen. Mgr. Grand Rapids Hydraulic Co., Grand Rapids, Mich.	June 27, 1905
FLAA, INGWALD E. Asst. Engr. Spring Valley Water Co., 375 Sutter St., San Francisco, Cal.	May 14, 1915
FLAD, EDWARD Pub. Serv. Comn., Jefferson City, Mo.	July 23, 1916
FLANAGAN, JOHN C. Secty. Bd. of Water Comnrs., St. Paul, Minn.	June 24, 1913
FLATLEY, JAMES P. Supt. Water Co., Green Bay, Wis.	June 8, 1909
FLEMING, VIRGIL R. 204 Lab. App. Mech., Urbana, Ill.	Apr. 14, 1915
FLINN, ALFRED DOUGLAS Secty. United Eng. Soc., 901 Eng. Soc. Bldg., New York, N. Y.	Mch. 1, 1916
FOERSTERLING, DR. HANS The Abor Farm, Jamesburg, N. J.	June 12, 1916
FOLWELL, A. PRESCOTT Ed. <i>Municipal Journal</i> , 243 West 39th St., New York, N. Y.	July 10, 1906
FOSS, W. E. Ch. Engr. Metropolitan Water Wks., 1 Ashburton Place, Boston, Mass.	July 10, 1906
FOUSHEE, J. G. Comnr. of Pub. Works, Greensboro, N. C.	Apr. 30, 1917
FOWLER, ARTHUR G. Supt. Water Works., R. F. D. No. 3, Cumberland, Md.	Apr. 27, 1910
FOWLER, EDWARD A. Asst. Engr. Sew. & Water Bd., City Hall Annex, New Orleans, La.	Apr. 27, 1910
FOX, CHARLES L. Asst. Supt. Penna. Water Co., 712 South Ave., Wilkensburg, Pa.	June 4, 1912
FRANCIS, WALTER J. Cons. Engr., 260 St. James St., Montreal, Can.	Apr. 4, 1916
FRANK, FRED W. Secty. & Mgr., Water Wks., Brantford, Ont., Can.	July 18, 1907
FREDRICK, W. DAYTON Bridgeton Water Works, Bridgeton, N. J.	May 12, 1914

FREILING, HENRY J. Asst. Supt. Water Works, Hannibal, Mo.	May 12, 1914
FRENCH, D. W. Supt. Hackensack Water Co., P.O. Box 98, Weehawken, N. J.	May 29, 1895
FRENCH, DUDLEY K. Chem., Dearborn Chemical Co., 2005 McCormick Bldg., Chicago, Ill.	Feb. 25, 1914
FRENCH, E. V., M.E. 31 Milk St., Boston, Mass.	July 10, 1906
FRITZE, L. A. 1st Lieut. Field Laboratory 42nd Div. Rainbow, Am. Exp. Forces, France.	Jan. 15, 1916
FUERTES, JAMES H. Cons. Engr., 140 Nassau St., New York, N. Y.	July 10, 1906
FULLER, FRANK L., C.E. 12 Pearl St., Boston, Mass.	July 10, 1906
FULLER, GEORGE W. Cons. Engr., 170 Broadway, New York, N. Y.	June 15, 1898
FULLER, W. A. Cons. Engr., 1415 Chemical Bldg., St. Louis, Mo.	Oct. 14, 1914
FULTON, D. F. City Engr., City Hall, Yonkers, N. Y.	May 15, 1915
GABY, FREDERICK A. Ch. Engr., Hydro-Electric Power Co., of Ont., 190 University Ave., Toronto, Ont., Can.	Feb. 8, 1916
GADFIELD, C. E. Supt. Bd. of Pub. Affairs, Wellington, Ohio.	June 8, 1916
GALLAGHER, H. A. Mgr. Water Co., Independence, Mo.	June 8, 1909
GARMAN, H. O. Ch. Engr. Ind. Pub. Util. Comn., 2062 N. Meridian St., Indianapolis, Ind.	May 30, 1916
GATES, H. V. Prest. Hillsboro Power & Invest. Co., Hillsboro, Ore.	June 7, 1904
GAUB, JOHN Chem. Engr. Filtn. Plant, Washington, D. C.	Oct. 13, 1913
GAVETT, WESTON 1st Lieut. S. C., Comdg. San. Squad No. 1, 23th Div., Camp Hancock, Ga.	Nov. 10, 1914
GAYNOR, KEYES C. Cons. Engr., 405-6 Frances Building, Sioux City, Ia.	May 7, 1917

GEAR, PATRICK Supt. Water Dept., Holyoke, Mass.	June 24, 1913
GELSTON, W. R. Supt. Water Wks. Quincy, Ill.	July 18, 1907
GERBER, WINFRED D. Civil & San. Engr., 1611 Fargo Ave., Chicago, Ill.	Apr. 19, 1915
GETTINGS, M. T. Supt. Water Works, Monroe, Wis.	June 8, 1904
GICLAS, ELI Ch. Engr., Ariz. Lumber & Timber Co. Flagstaff, Ariz.	June 27, 1905
GIDEON, ABRAHAM, C.E. Ch. Engr., Sewer & Water Wks. Constr., Manila, P. I.	June 8, 1909
GILCHRIST, CHARLES B. Asst. Supt. Water Wks., Newburgh, N. Y.	May 12, 1914
GILLESPIE, C. G. Ch. Engr., San. Engrg. Dept. State Bd. Health, C. E. Bldg., Berkeley, Cal.	June 10, 1911
GILMAN, CHARLES EDWARD Cons. Hyd. Engr., 851 Calmar Ave., Oakland, Cal.	June 4, 1912
GOCHNAUER, HARRY W. San. Engr., Box 31, Port Edwards, Wis.	Nov. 1, 1916
GOENTNER, WILLIAM B. Supt. McCabe Chemical Co., Charlotte, N. C.	June 8, 1909
GOLDSMITH, CLARENCE Major Q. M. C., N. A., Constr. Div., 7th & B Sts., Washington, D. C.	Dec. 27, 1915
GOODELL, J. M., H.E. 106 Loraine Ave., Upper Montclair, N. J.	Apr. 27, 1885
GOODRICK, E. H. Supt. Water Wks., Fredericksburg, Va.	May 5, 1917
GORDON, T. C. Secty-Treas., Gen. Mgr. Water Wks., Little Falls, Minn.	Jan. 28, 1916
GORE, WILLIAM Cons. Engr., John ver Mehr Engrg. Co., 154 Simcoe St., Toronto, Ont.	May 30, 1916
GOSS, M. N. Comnr. Pub. Wks., City Hall, St. Paul, Minn.	June 26, 1918
GOUDEY, RAY F. San. Engr., 2529 Hilgard Ave., Berkeley, Cal.	Apr. 30, 1918

GOULD, J. W. DuB. 30 Church St., New York, N. Y.	Oct. 16, 1914
GRAF, AUGUST V. Ch. Chem., St. Louis Water Wks., 34 East Grand Ave., St. Louis, Mo.	June 15, 1914
GRAFF, GEORGE W. 40th Co., 10th Tr. Btn., Camp Lee, Va.	Dec. 22, 1916
GRAHAM, JAMES W. 16 Casco St., Portland, Me.	June 4, 1912
GRANTHAM, C. M. Supt. Water Dept., Goldsboro, N. C.	June 1, 1916
GRASTY, E. C. Owner and Mgr. Water, Elect. Lt. & Tel. Co., Winkelman, Ariz.	June 1, 1916
GRAY, PERCY Mgr. Pumping Plant, Jefferson, Ia.	Dec 31, 1917
GRAYSON, THEODORE J. Prest. N. J. Water Serv. Co., 1327 Real Est. Trust Bldg., Philadelphia, Pa.	June 23, 1917
GREELEY, SAMUEL A. Winnetka, Ill.	July 18, 1907
GREEN, F. W. Supt. Filtn. & Pumping, Montclair Water Co., Little Falls, N. J.	Dec. 22, 1915
GREEN, FREDERICK Supt. Commonwealth Water & Lt. Co., 47 Moun- tain Ave., Summit, N. J.	May 12, 1914
GREEN, PAUL EVANS Civil & San. Engr., 17 N. LaSalle St., Chicago, Ill.	Apr. 14, 1915
GREENALCH, WALLACE Comnr. Pub. Wks., Albany, N. Y.	July 18, 1917
GREGORY, JOHN HERBERT Cons. Hyd. Engr. & San. Expert, 170 Broadway, New York, N. Y.	July 10, 1906
GRIEVE, THOMAS 88 Market St., Perth Amboy, N. J.	Apr. 16, 1914
GRIFFIN, J. WILLIAM Supt. Water Dept., 121 Garrison Ave., Jersey City, N. J.	May 10, 1917
GRISWOLD, F. M. Ins. Engr., 56 Cedar St., New York, N. Y.	July 18, 1907

GURELMAN, FRED. J. 47 W. 34th St., New York, N. Y.	June 7, 1897
GUSHEE, EDWARD G. 2d Asst. Engr. Bur. of Water, 2122 N. 28th St., Philadelphia, Pa.	May 12, 1908
GWINN, DOW R. Prest. Water Co., Terre Haute, Ind.	Sept. 7, 1893
HABERMEYER, GEORGE CONRAD Civil & San. Engr., 1011 W. Clark St., Urbana, Ill.	Apr. 14, 1915
HADDEN, S. C. Ed. <i>Municipal Engineering</i> , 538 S. Clark St., Chi- cago, Ill.	June 4, 1912
HALE, DR. FRANK E. Dir. of Lab., Mt. Prospect Laboratory, Brooklyn, N. Y.	May 12, 1908
HALE, RICHARD KING, C.E. Lieut.-Col 101 F. A., Am. Exp. Forces.	June 10, 1911
HALL, ALBERT S. Supt. Kennebec Water Dist., Waterville, Me.	May 16, 1900
HALL, HARRY R. Asst. Ch. Engr. State Dept. of Health, 16 W. Sara- toga St., Baltimore, Md.	May 8, 1915
HALL, J. W. Mgr., San Joaquin Dist., Water Dept. Pacific Gas & Elect. Co., Stockton, Cal.	June 7, 1906
HALPIN, GEORGE R. 515-7th Ave., Watervliet, N. Y.	June 13, 1916
HALPIN, THOMAS F. A. P. Smith Mfg. Company, East Orange, N. J.	July 18, 1907
HAMMER, EDWIN W. Cons. Engr., 160 Broadway, New York, N. Y.	May 12, 1914
HAMMOND, W. H. Supt. Lindsay Water Wks., Lindsay, Ont., Can.	June 24, 1914
HANDY, JAMES OTIS Dir. Pittsburg Testing Lab., 612-620 Grant St., Pittsburgh, Pa.	May 8, 1915
HANSEN, A. E. Hyd. & San. Engr., 2 Rector St., New York, N. Y.	Jan. 1, 1918
HANSEN, PAUL Capt. U. S. Engrs Genl. Hdqtrs., Am. Exp. Force.	June 4, 1912
HAPGOOD, LYMAN P. Supt. Dept. of Water & Lt., Box 253, Jamestown, N. Y.	June 8, 1909

HARDGRAVE, A. Civ. & Elec. Engr., 1301 Southwestern Life Bldg., Dallas, Tex.	June 15, 1914
HARDING, C. T. Supt. Water and Lt. Dept., 516 Chestnut St., Vir- ginia, Minn.	Feb. 27, 1917
HARDING, GEORGE Mgr., 1105 Paulsen Bldg., Spokane, Wash.	June 24, 1913
HARDING, JOHN H. Supt. Water Works, La Porte, Ind.	June 26, 1918
HARDING, ROBERT J. V.-Prest. San Antonio Water Supply Co., 106 Mar- ket St., San Antonio, Texas.	Oct. 23, 1914
HARDY, EDWARD DANA Supt. Aqueduct & Filtn. Plant, Washington, D. C.	May 12, 1908
HARGREAVES, JOHN Govt. Hyd. Engr., Water Supply Dept., Brisbane, Queensland, Australia.	June 8, 1916
HARMAN, JACOB A. Cons. Engr., 144 Fredonia Ave., Peoria, Ill.	Apr. 11, 1917
HARPER, L. V. Mgr. Chelan Electric Co., Chelan, Wash.	Aug. 19, 1914
HARRIS, H. M. Supt. Water Works, Jackson, Tenn.	May 13, 1916
HARRIS, R. C. Comnr. of Wks., City Hall, Toronto, Ont., Can.	May 12, 1914
HARRISON, JOHN H. Kingston Water Dept., Kingston, N. Y.	Apr. 16, 1914
HARRUB, C. NELSON San. Engr., 1437 Spearing St., Jacksonville, Fla.	Dec. 30, 1914
HASKINS, C. A. Capt. San. Corps, N. A., Washington, D. C.	June 25, 1914
HATCH, EDWARD L. Gen. Mgr. Stamford Water Co., Stamford, Conn.	July 10, 1906
HATFIELD WILLIAM DURRELL Asst. Chem., State Water Survey, Urbana, Ill.	Feb 2, 1917
HATTON, T. CHALKLEY Ch. Engr., City Hall, Milwaukee, Wis.	June 11, 1902
HATTON, WILLIAM J. 211 Ogden Ave., Escanaba, Mich.	May 12, 1908
HAUSER, STEPHEN J. Chem. & Bact., 1669 Cedar Ave., College Hill, Cincinnati, Ohio.	May 14, 1915

HAWKINS, H. C. City Engr., Oskaloosa, Ia.	Dec. 22, 1915
HAWLEY, W. C. Ch. Engr. & Gen. Supt. Penna. Water Co., 712 South Ave., Wilkinsburg, Pa.	Apr. 27, 1910
HATFORD, B. B. Supt. Water Wks., Waukesha, Wis.	June 8, 1909
HAZEN, ALLEN, C. E. 42d St. Bldg, New York, N. Y.	May 27, 1896
HAZLEHURST, GEORGE H. State Bd. of Hlth., Montgomery, Ala.	Nov. 1, 1914
HAZLEHURST, J. N. Major Eng. U. S. R., Genl. Hdqtrs., Am. Exp. Forces	July 10, 1906
HEARD, ALBERT Supt. and Treas., Hagerstown, Md.	July 18, 1907
HECHT, J. L. Mech. Engr., Pub. Serv. Co., 72 West Adams St., Chicago, Ill.	June 10, 1911
HEERMANS, H. C. Mgr. Water Wks. Co., Hoquiam, Wash.	June 26, 1886
HEFFELFINGER, J. MILTON 622 Hecla St., Ironton, O.	Mch. 18, 1918
HELLER, F. P. Water Comnr., 236 Penn St., Reading Pa.	May 12, 1908
HENBY, WILLIAM H. Secty. & Mgr. West St. Louis Water & Lt. Co., 6600 Delmar Ave., St. Louis, Mo.	May 14, 1915
HENDERSON, CHARLES R. Mgr. Davenport Water Co., Davenport, Iowa.	June 18, 1901
HENDERSON, JOHN BAILLIE, C.E. "Sun" Fdry., Wickham St., Brisbane, Queensland, Australia.	Sept. 27, 1915
HENDRICK, WALLACE M. 1st Lieut. Engrs. U. S. R. 301st, Am. Exp. Forces	May 14, 1915
HENRY, EDWARD WILLIAM Supt. Meter Dept., 450 Fairmont Ave., Jersey City, N. J.	May 12, 1908
HERING, RUDOLPH Cons. Hyd. & San. Engr., 170 Broadway, New York, N. Y.	July 14, 1887
HERR, J. O. Supt. Atlantic Co. Water Co. of N. J., 232 N. Main St., Pleasantville, N. J.	June 8, 1916

HERSEY, FRANCIS C., JR. Secty. Water & Municipal Lt. Comnrs., Wellesley, Mass.	July 18, 1907
HETZER, MENTOR Mgr. Moundville Water Co., Moundville, W. Va.	Dec. 22, 1916
HEYDRICH, A. Prest. Matanzas Water Wks., Matanzas, Cuba.	July 18, 1907
HICKS, J. S. Supt. Water Co., Berwick, Pa.	June 10, 1911
HIGGINS, LAFAYETTE, C.E. San. Engr. State Bd. of Health, 1144 W. 25th St., Des Moines, Ia.	Dec. 22, 1915
HIGHLAND, SCOTLAND G. Secty., Treas. & Gen. Mgr., Clarksburg Water Bd., Clarksburg, W. Va.	June 24, 1913
HILL, ALBERT B. Cons. Eng., 100 Crown St., New Haven, Conn.	Oct. 26, 1914
HILL, JOHN W. Cons. Engr., 406 First Natl. Bk. Bldg., Cincinnati, Ohio	June 26, 1886
HILL, NICHOLAS S., JR. Cons. Engr., 100 William St., New York, N. Y.	June 18, 1901
HILLES, T. ALLEN Water Comnr., 1600 West Seventh St., Wilmington, Del.	June 24, 1913
HILSCHER, RALPH State Bd. of Health, 210 Union League Bldg., Los Angeles, Cal.	Nov. 1, 1914
HINKLEY, ROBERT L. Insp. Factory Ins. Ass'n, Hartford, Conn.	May 12, 1908
HINMAN, JACK J., JR. 1st Lieut., S. C. N. A., Army Medical School, Wash- ington, D. C.	Apr. 21, 1915
HOAD, WILLIAM CHRISTIAN Prof. San. Engrg., Univ. of Michigan, Ann Arbor, Mich.	June 24, 1913
HOAGLAND, IRA GOULD Secty. Natl. Automatic Sprklr. Assn., 80 Maiden Lane, New York, N. Y.	Apr. 27, 1910
HOBBS, ROY A. Supt. Water Wks., Barnesville, Ohio.	Nov. 23, 1915
HOBBY, ARTHUR, S., C.E. Central Fé, Salamanca, Provincia de Santa Clara, Cuba.	June 8, 1909

HODGKINS, H. C., C.E. 513 Dillaye Bldg., Syracuse, N. Y.	Apr. 18, 1888
HODGMAN, BURT B., C.E. 50 Church St., New York, N. Y.	July 18, 1907
HODKINSON, THOMAS Supt. Water Wks., 14 King St., London, Ontario, Can.	June 24, 1913
HOFFMASTER, GEORGE EDWARD Amer. Water Wks., & Guar. Co., 50 Broad St., New York, N. Y.	May 13, 1916
HOLLEY, C. R. Supt. Water Wks., P. O. Box 608, Bessemer, Mich.	Feb. 11, 1917
HOLLMAN, EDWARD E. San. Chem., 3900 Lexington Ave., St. Louis, Mo.	Apr. 14, 1915
HOLMES, A. G. P. O. Box 252, East Pittsburgh, Pa.	July 10, 1906
HOLMES, M. G. Supt. Water Works, Rochester, Minn.	Aug. 3, 1918
HONE, FREDERIC DEP., C.E. 13-21 Park Row, New York, N. Y.	Dec. 18, 1913
HOOPER, THOMAS N. V.-Prest. Water Co., Davenport, Iowa.	Apr. 16, 1884
HOOPES, EDGAR M., JR., C.E. Ch. Engr., Water Dept., Wilmington, Del.	June 24, 1913
HOOVER, CHARLES P. Chem. Filtration Plant, Columbus, Ohio.	June 24, 1913
HOPKINS, CHARLES COMSTOCK Hyd. & San. Engr., 349 Cutler Bldg., Rochester, N. Y.	June 10, 1911
HOPKINS, NEWTON F., C.E., 801 Home Trust Bldg., Pittsburgh, Pa.	July 18, 1907
HOPPER, WALTER C. Supt. Aquackanonk Water Co., 145 Prospect St., Passaic, N. J.	June 10, 1911
HORNER, CHARLES M. Supt. Water Works Co., 1705 State St., East St. Louis, Ill.	June 24, 1903
HORNER, HARRY H. Supt. Water Wks., 2114 First Ave., Birmingham, Ala.	May 19, 1916
HORNUNG, GEORGE Cons. C. & Mech. Engr., Woolsack Building, New- port, Ky.	July 14, 1887

HORTON, ROBERT E., H.E. 57 North Pine Ave., Albany, N. Y.	June 10, 1911
HORTON, THEODORE Ch. Eng., N. Y. State Dept. of Health, 206 Lancaster St., Albany, N. Y.	July 18, 1907
HOSTETLER, WILLIAM A. Supt. Iowa City Water Wks., 227 N. Capitol St., Iowa City, Ia.	May 8, 1915
HOUSE, G. O. Mgr. St. P. Div., No. States Power Co., 76 West 3rd St., St. Paul, Minn.	Apr. 27, 1910
HOWARD, FRANK E. Prest. Bd. Water Comrs., 438 Asylum St., Hartford, Conn.	Mch. 25, 1918
HOWELL, DAVID J., C.E. Union Trust Bldg., Washington, D. C.	Oct. 23, 1914
HOWSON, LOUIS R. Asst. Engr. for Alvord & Burdick, 617 E. 50th Place, Chicago, Ill.	May 3, 1916
HUBBELL, CLARENCE W. Cons. Eng., 2348 Penobscot Bldg., Detroit, Mich.	June 24, 1903
HUDSON, LEO Cons. Engr. 3265 Piedmont Ave., Pittsburgh, Pa.	June 24, 1913
HUGGANS, D. E. Mgr., Water Wks., Streator, Ill.	May 27, 1896
HUGGANS, R. D. Ch. Engr., Streator Aqueduct Co., Streator, Ill.	Apr. 19, 1915
HULETT, MASON c/o R. U. V. Co., 50 Broad St., New York, N. Y.	Jan. 20, 1916
HUMPHREY, E. W. Genl. Supt., 1117 Myrtle St., Erie, Pa.	June 24, 1913
HUNTER, HENRY G. N. Y. Cont. Jewell Filtn. Co., 619 New Birks Bldg., Montreal, Can.	June 10, 1911
HUNTER, T. B. Cons. Engr., 703 Rialto Bldg., San Francisco, Cal.	July 10, 1906
HUSTON, R. C. Civ. & Cons. Engr., P. O. Box 326, Maryville, Tenn.	June 8, 1909
HUY, HARRY F. Genl. Mgr. Western N. Y. Water Co., 704 Elect. Bldg. Buffalo, N. Y.	May 30, 1916
HYDE, CHARLES GILMAN Capt. San. Corps, N. A., Co. 28, Bat. 7, Camp Greenleaf, Ga.	July 18, 1907

HYMAN, H. H. Mgr. Miami Water Co., Miami, Fla.	Apr. 14, 1916
HYMMEN, H. Supt. Water Wks., Kitchener, Ontario.	June 8, 1909
INMAN, A. W. Supt. Massillon Water Supply Co., Massillon, Ohio.	Nov. 23, 1915
INOUE, S. 290 Harajiku, Tokyo, Japan.	July 18, 1907
IRWIN, RALPH EDWARD Capt. San. Corps, N. A., Edgewood Arsenal, Edgewood, Md.	June 8, 1904
IRWIN, THOMAS E. Huntington, N. Y.	June 10, 1911
ISAAC, F. N. Secty. & Genl. Mgr. The Hanford Water Co., Hanford, Cal.	May 12, 1908
JACKSON, DANIEL D. San. Expert, Engrg. Bldg., Columbia Univ., New York, N. Y.	Apr. 27, 1910
JACKSON, ROBERT A. Supt. Ins. & Water Co., Norristown, Pa.	June 24, 1893
JACOBSON, ANDREW Chem. Met. Water Dist. of Omaha, Florence, Neb.	Mch. 28, 1914
JAMES, CLAUDE L. City Engr. Supt. Water Wks., City Bldg., Mattoon, Ill.	Mch. 4, 1915
JARVIS, ALEXANDER CHARLES Capt. Royal Engrs., War Office, London.	Jan. 5, 1914
JENKS, HARRY NEVILLE San. Engr.; Burma Mines, Ltd. Namtu, Northern Shan States, Burma, India.	Feb. 11, 1917
JENNINGS, CHARLES A. Rm. 466, Peoples Gas Bldg., Chicago, Ill.	May 12, 1908
JENSON, J. ARTHUR Supr. Water Wks. Dept. Minneapolis, Minn.	June 10, 1911
JENSON, MARION A. 4324 Parker St. Omaha, Neb.	Feb. 22, 1918
JENSON, J. CHRIS. Municipal Water Wks., Council Bluffs, Iowa.	June 4, 1912
JOHNSON, EDGAR W. Asst. Engr. Water Dept, 2632 14th Ave., S. Minneapolis, Minn.	July 20, 1917

JOHNSON, GEORGE A. Major Q. M. C., N. A., Cons. Div., M. & R. Bch., Building C, 7th & B Sts. Washington, D. C.	July 18, 1907
JOHNSON, H. B. Genl. Mgr. Sheffield Co., Sheffield, Ala.	June 24, 1913
JOHNSON, H. E. Supt. Elect. Lt. & Water Plant, Senatobia, Miss.	Dec. 22, 1915
JOHNSON, PETER Supervising Engr., Dept. W. S. G. & E. of New York, Bellmore, L. I., N. Y.	May 30, 1916
JOHNSTON, WILLIAM J. Supt. Water Wks., Marquette, Mich.	April 3, 1917
JONES, A. J. P. O. Box 273, New Brunswick, N. J.	April 16, 1884
JONES, BURKE Supt. Water Wks., Hattiesburg, Miss.	June 24, 1913
JONES, GRANDVILLE R. Assoc. Prof. of C. Engrg., Johns Hopkins Univ., Baltimore, Md.	May 12, 1908
JONES, HIRAM F. Supt. Water Wks., 823 Walnut St., Elmira, N. Y.	July 18, 1907
JONES, J. M. Bristol & Warren Water Works, Bristol, R. I.	May 13, 1916
JONES, J. W. Mgr. Water Wks., Selma, Ala.	April 27, 1916
JONES, WILLIAM CLAYTON 426 Market St., Camden, N. J.	May 12, 1914
JONES, WILLIAM NELSON, C.E. City Engr's Office, City Hall, Minneapolis, Minn.	Aug. 19, 1914
JORDAN, EDWIN O. Prof. of Bact., Univ. of Chicago, Chicago, Ill.	Oct. 26, 1914
JORDAN, FRANK C. Secty. Water Co., 113 Monument Pl., Indianapolis, Ind.	June 10, 1911
JUDD, W. A. Supt. Water Wks., 20 Sixth St., N. E., Mason City, Ia.	May 8, 1915
KABLE, EDGAR P. Asst. Secty. York Water Co., 42 East Market St., York, Pa.	Nov. 19, 1917
KAHN, LEON I. Comnr. of Pub. Util., Shreveport, La.	May 30, 1916

KAPOUSTINE, THEODORE N. San. Engr., 819 Flatiron Building, New York, N. Y.	Aug. 28, 1917
KASTBERG, KARL C. City Engr., Des Moines, Ia.	June 7, 1904
KEELER, H. E. 633, The Rookery, Chicago, Ill.	July 14, 1887
KEEN, HAROLD PEROT 306 Otis Bldg., 112 S. 16th St., Philadelphia, Pa.	Nov. 23, 1915
KELIHER, TIMOTHY Supt. Williamsport Water Co., Williamsport, Pa.	Feb. 24, 1917
KEILS, ANTHONY Supt. Bd. of Pub. Wks., 38 Moross Ave., Mt. Clemens, Mich.	June 8, 1909
KELLER, OSCAR E. Prest. Bd. Water Comnrs., 25 E. 5th St., St. Paul, Minn.	June 26, 1918
KELLY, EARL W. Water Lt. Dept., Duluth, Minn.	June 4, 1912
KEMBLE, F. T. Secty. New Rochelle Water Co., 238 Main St., New Rochelle, N. Y.	June 28, 1915
KERN, PETER Mgr. Water Dept., Fort Madison, Ia.	Oct. 24, 1917
KIENLE, JOHN A. San. Engr., 18 E. 41st Street, New York, N. Y.	June 8, 1909
KILLAM, SAMUEL E. Supt. Pipe Line & Reservoirs, 1 Ashburton Pl., Boston, Mass.	Nov. 24, 1914
KILPATRICK, JOHN D., C.E. Lieut.-Col. Q. M. C., N. G. U. S., Am. Exp. Forces.	June 4, 1912
KIMBALL, FRANK C. Asst. Treas. & Mgr., Commonwealth Water & Lt. Co., Summit, N. J.	June 11, 1902
KING, CHARLES PENROSE Engr. Bexhill Water & Gas Co., 5 Sedgwick Rd., Bexhill-on-Sea, England.	June 14, 1916
KINGMAN, HORACE Comnr. & Supt., City Hall, Brockton, Mass.	Mar. 17, 1916
KINNAIRD, ROBERT N. Supt. Des Moines Water Co., Des Moines, Ia.	June 4, 1912
KIRK, CLARENCE L. Prest. Indianapolis Water Co., 113 Monument Circle, Indianapolis, Ind.	June 8, 1907

KIRKPATRICK, EARL T. Lieut. U. S. R., Co. H, 42d Inf., Newport News, Va.	Feb. 11, 1917
KIRKPATRICK, WALTER G. Cons. Hyd. Engr., 704 Farley Bldg., Birmingham, Ala.	Apr. 27, 1910
KLARE, R. W. Mgr. Wabash Water & Lt. Co., Wabash, Ind.	June 28, 1915
KLAUS, FRED J. Asst. Engr. East Bay Water Co., 2414 Dana St., Berkeley, Cal.	Oct. 21, 1915
KLEIN, FEDERICO Cia Alumbrado Electrico, San Salvador, C. A.	Mch. 5, 1918
KLEIN, WILLIAM I. Roberts Filter Mfg. Co., Darby, Philadelphia, Pa.	June 24, 1913
KLINGBERG, W., C.E. 50 Church St., New York, N. Y.	July 10, 1906
KNEEN, A. H., C.E. 121 N. Broad St., Philadelphia, Pa.	June 10, 1911
KNICKERBACKER, JOHN, C.E. Prest. Eddy Valve Co. 86 1st St., Troy, N. Y.	June 24, 1913
KNISELY, J. HERMAN Ch., Bur. of Municipalities, Harrisburg, Pa.	Aug. 3, 1916
KNOWLES, CLARENCE R. Supt. Water Dept., I. C. R. R., 6504 Greenwood Ave., Chicago, Ill.	June 24, 1913
KNOWLES, MORRIS Cons. Engr., 1200 Jones Law Bldg., Pittsburgh, Pa.	July 18, 1907
KNOX, STUART K. Hill & Ferguson, 100 William St., New York, N. Y.	June 8, 1909
KOHN, C. L. Comnr., City Hall, Elgin, Ill.	June 24, 1913
KONTKOVSKI, EUGENE B. Cons. Engr., Nikolajevskaja, 17 log. 5, Petrograd, Russia.	Jan. 12, 1915
KRAUSE, MARK C., C.E. 335 Pine St., Williamsport, Pa.	May 30, 1916
KRIEGER, ALBERT A. Roberts Filter Co., Darby, Pa.	Apr. 22, 1916
KRIEGSHEIM, HEINRICH c/o Permutet Co., 440 4th Ave., New York, N. Y.	May 14, 1915
LABERGE, FRANÇOIS CHARLES Cons. Engr., 30 St. James St., Montreal, Can.	Mch. 10, 1916

LACOUNT, H. O. Engr. & Asst. Secty. Insp. Dept. Factory Mutual Ins. Co., 124 College Ave., West Somerville, Mass.	May 12, 1908
LAFRENIERE, THEO. J. San. Engr., Bd. of Health of P. Q., 9 St. James St., Montreal, Can.	June 24, 1916
LANCE, JOHN H. Ch. Engr., The Spring Brook Water Supply Co., 30 N. Franklin St., Wilkes-Barre, Pa.	May 10, 1917
LANCE, OSCAR M. Genl. Mgr. The Spring Brook Water Co., P. O. Box 124, Wilkes-Barre, Pa.	July 18, 1907
LANDMANN, L. B. Supt. Capital City Water Co., Jefferson City, Mo.	Sept. 19, 1914
LANDRY, J. A. Prest. Ry. Lt. & Water Wks. Co., Lake Charles, La.	Apr. 27, 1910
LARMON, FRANK P. Ch. Engr. Met. Water Dist., Omaha, Neb.	Apr. 22, 1914
LASO, ALFREDO F. Ing. Civ. Obras Sanitarias de la Nacion, Buenos Aires. R. Argentina.	Oct. 24, 1917
LATOURRETTE, FREDERICK, C.E. Engr. in Chge. J. C. Water Wks., 49 Highland Ave., Jersey City, N. J.	Dec. 30, 1914
LAUTZ, W. E. Secty. & Mgr. Pekin Water Wks., Pekin, Ill.	May 27, 1896
LAWLOR, FRANCIS D. H. Supt. Citizens Water Co., Burlington, Ia.	July 10, 1906
LAWTON, RALPH W. Mgr. Jewell Export Filter Co., 10 Clive St., Cal- cutta, India.	July 10, 1906
LAYNE, M. E. Layne & Bowler Co., Randolph Bldg., Memphis, Tenn.	June 4, 1912
LEA, RICHARD S. Cons. Engr., 809 New Birks Bldg., Montreal, Can.	May 12, 1908
LEACH, WILLIAM J. Supt. & Chf. Engr., 725 Mountain Ave., Fergus Falls, Minn.	Mar. 25, 1918
LEAF, C. E. Ch. Chem. C. B. & Q. R. R. Laboratory, Aurora, Ill.	Apr. 19, 1915
LECLERC, PIERRE Supt. Eastern Div. Water Wks., 106 Clarke St., Montreal, Can.	May 1, 1917

LEDDEEN, ERNEST M. 404 Fourth Ave., New York, N. Y.	June 4, 1912
LEDoux, J. W. Ch. Engr. Amer. Pipe & Constr. Co., 112 N. Broad St., Philadelphia, Pa.	July 18, 1907
LEE, CHARLES H. Lieut. U. S. R., 26th Engrs., Co. C. Water Sup. Sect., Am. Exp. Forces.	June 24, 1913
LEE, H. R. City Chem., 440 W. Macon St., Decatur, Ill.	Feb. 24, 1917
LEERSKOV, A. D. Supt. Municipal Water Works, Lock Box 7, Brush, Col.	Apr. 20, 1918
LEET, J. N. Supt. Water Dept., North East, Pa.	June 10, 1911
LEISEN, THEODORE A. Major Q. M. R. C. Constructing Q. M., Camp Custer, Mich.	June 7, 1904
LEOPOLD, F. B. Farmers Bk. Bldg., Pittsburgh, Pa.	May 12, 1914
LESAGE, ROYAL, C.E., B.S. 76 St. Gabriel St., Montreal, Can.	Mch. 14, 1916
LESAGE, THOMAS WILLIAM Engr., Supt. Water Wks., City Hall, Montreal, Can.	April 4, 1916
LETTON, H. P. Capt. Engrs. U. S. R. Water Sup. Service, Am. Exp. Forces.	Jan. 12, 1915
LEVY, A. G. Asst. Dir. N. O. Purif. Plant, 8417 Panola St., New Orleans, La.	April 27, 1910
LEWIS, J. M. Supt. Parks & Pub. Prop., Sioux City, Ia.	June 24, 1913
LEWIS, R. E. Supt. Water Wks., Elizabeth City, N. C.	May 12, 1908
LIGHTFOOT, J. C., JR. N. J. Water Serv. Co., 1307 Real Est. Tr. Bldg., Philadelphia, Pa.	June 23, 1914
LILES, FLOYD L. Chrmn. Water Works, Spartanburg, S. C.	June 26, 1918
LITTLE, BEEKMAN C. Supt. Water Wks., 44 City Hall, Rochester, N. Y.	June 24, 1903
LIVEZEY, W. B. Prest. Newport News Lt. & Water Co., Newport News, Va.	May 14, 1915

LOBO, CARLOS Actg. Dept. Ch. Engr., Dept. Water Sup., Gas & Electy., Municipal Bldg., New York, N. Y.	June 23, 1916
LOCHRIDGE, ELBERT E. Engr. Water Dept., P. O. Box 1238, Springfield, Mass.	July 10, 1906
LOFTON, H. M. Chattanooga, Tenn.	June 4, 1912
LONG, GEORGE J. Prest. Inter-State Water Co., Louisville, Ky.	Apr. 23, 1915
LONG, JAMES H. City Hall, Camden, N. J.	May 12, 1916
LONGLEY, FRANCIS F. Lieut.-Col. 26th Engrs., Am. Exp. Forces.	July 18, 1907
LONGLEY, FREDERICK J. Lieut. Aviation Sec. S. C., Cmdg. Of., 271 Aero Squad. Ellington Field, Tex.	Dec. 1, 1913
LOOMIS, E. L. Supt. Valparaiso Home Water Co., Valparaiso, Ind.	July 10, 1906
LORD, FRANKLIN B., JR. Queens Co. Water Co., Cedarhurst, L. I., N. Y.	June 10, 1911
LORD, CHARLES H. Supt. Water Works, Ogdensburg, N. Y.	Aug. 10, 1918
LOTT, ERSKINE H. Supt. Flatbush Water Wks. Co., 785 Flatbush Ave., Brooklyn, N. Y.	May 30, 1916
LOUNSBURY, WILLIAM C. Genl. Supt. Superior Water, Lt. & Power Co., Su- perior, Wis.	May 12, 1908
LOVEJOY, WILLIAM H. Louisville Water Co., Louisville, Ky.	June 4, 1912
LUCAS, HUGH L. Supt. Water Pipe Exten., 404 City Hall, Chicago, Ill.	Apr. 27, 1910
LUCE, FRANCIS H. Supt. Woodhaven Water Supply Co., Woodhaven, N. Y.	May 12, 1914
LUDLOW, J. L. Cons. Engr., Winston-Salem, N. C.	June 7, 1904
LUSCOMBE, WILLIAM V.-Prest. Gary Heat, Lt. & Water Co., Gary, Ind.	May 12, 1908
LUTHER, J. N. Supt. Water Works, South Bend, Ind.	June 26, 1918

LYONS, B. F. V.-Pres. & Genl. Mgr. Beloit Water, Gas & Elect. Co., Beloit, Wis.	May 12, 1908
MCALPINE, A. H. Genl. Western Agt. Hersey Mfg. Co., 211 Schultz Bldg., Columbus, Ohio.	April 27, 1889
McCABE, H. DALLAS, C.E. 800 Donner Ave., Monessen, Pa.	May 12, 1908
MCCARTHY, DANIEL B. Treas. Waterford Water Wks. Co., 50 East 42d St., New York, N. Y.	June 27, 1905
MCCARTHY, WILLIAM Supt Water Wks., Bluefield, W. Va.	May 12, 1908
McCLENAHAN, W. T. 64 W. Randolph St., Chicago, Ill.	May 12, 1914
McCLINTOCK, JAMES R. 170 Broadway, New York, N. Y.	Jan. 27, 1914
MCCORMICK, ROBERT Co. D, 26th Engrs., Camp Dix, N. J.	Nov. 1, 1916
MCCRADY, MAC HARVEY Chem. & Bact. Bd. of Hlth. of P. Q., 9 St. James St., Montreal, Can.	Apr. 14, 1916
MCDONALD, CHARLES E. Supt. Water Wks., Waterbury, Conn.	June 10, 1911
MCDONNELL, ROBERT E. 402 Interstate Bldg., Kansas City, Mo.	June 24, 1913
McFARLAND, CHESTER R. Secty. & Genl. Mgr. Water Wks. Co., Tampa, Fla.	May 12, 1908
McGIBONEY, J. H. Mgr. Water Wks., Middleborough, Ky.	May 14, 1915
McGINTY, J. H. Supt. Water Wks., Mansfield, Ohio.	May 10, 1917
MCGONIGALE, WILLIAM J. P.O. Box 2360, Louisville, Ky.	June 4, 1912
McGRATH, F. R. Supt. Water Wks., City Hall, Chambersburg, Pa.	May 12, 1914
McINNES, F. A. Div. Engr., Pub. Wks. Dept., 23 Salcombe St., Dorchester, Mass.	May 12, 1914
McINTOSH, WILLIAM, JR. Castle Stuart Dalcross, Inverness-Shire, Scotland.	June 24, 1913

McKENZIE, S. H. Engr., & Supt. Terryville and Southington Water Wks., Southington, Conn.	Apr. 14, 1916
McKIM, ROBERT ALBERT, C.E. 65 W. 88th St., New York, N. Y.	June 4, 1912
McLAUGHLIN, GEORGE E., M.D. Lieut. U. S. Navy, Asst. Surgeon, Naval Station, Hampton Roads, Va.	June 24, 1913
McMANE, WILLIAM I. Supt. Commonwealth Water Co., 18 Maple Ave., Summit, N. J.	Mch. 1, 1916
McMILLAN, T. W. Supt. Water Wks., Mt. Pleasant, Ia.	Dec. 22, 1915
McRAE, H. C. 1st Lieut. 318th Engineers, E. O. R. C., Vancouver Barracks, Washington	Apr. 27, 1910
McRAE, JOHN B. Cons. Eng., 310 Booth Bldg., Ottawa, Can.	May 3, 1916
McREYNOLDS, B. B. Supt. Water Wks., City Hall, Colorado Springs, Colo.	May 12, 1914
McWILLIAMS, C. Q. Prest. Roaring Crk. Water Co., P. O. Box 85, Sha- mokin, Pa.	June 18, 1901
MACDONALD, EMMETT Mgr. Lincoln Water & Lt. Co., Lincoln, Ill.	June 7, 1904
MACDONALD, W. E. City Water Wks., Engr., 93 Powell Ave., Ottawa, Can.	May 10, 1917
MACHEN, HENRY B. Major O. R. C. Explosives Sect., Buffalo, N. Y.	May 12, 1908
MACKIE, GEORGE D. City Commr., Moose Jaw, Saskatchewan.	Feb. 11, 1917
MAFFITT, DALE L. Chem. & Bact., Des Moines Water Co., Des Moines, Ia.	Apr. 20, 1918
MAIN, GEO. A. Supt. Water & Sew. Depts., Daytona, Fla.	Apr. 27, 1910
MALLALIEU, WILLARD C. Capt. S. C., N. A., 28 Co. Btln. 7, M. O. T. C., Camp Greenleaf, Ga.	Dec. 30, 1914
MANAHAN, ELMER G., C.E. Desgng. Engr., Bd. of Water Supply, Municipal Bldg., New York, N. Y.	June 8, 1909

AMERICAN WATER WORKS ASSOCIATION

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MANGOLD, JOHN F., C.E. Rapid City, S. Dak.	June 24, 1913
MANVILLE, F. D. Local Mgr. Lt. & Water Co., Newport News, Va.	June 18, 1901
MANZ, LOUIS C., M.E. 1500 W. Allegheny Ave., Philadelphia, Pa.	June 8, 1904
MARTIN, A. M. Waco, Texas.	May 12, 1908
MARTIN, J. C. Atty. for Ohio Water Wks. Assn., 8 E. Long St., Columbus, Ohio.	May 14, 1915
MASON, S. J. Engr. & Supt. Water Wks., Perth Amboy, N. J.	May 10, 1917
MASON, WILLIAM P., M.D. Prof. of Chem. Ren. Poly. Inst., Troy, N. Y.	May 18, 1892
MATTE, HUBERT P. T. Supt. Water Dept., Oak Park, Ill.	June 4, 1912
MAURICE, GEORGE HOLBROOKE, C.E. Eagle Springs, N. C.	June 10, 1911
MAURY, DABNEY H. Lieut.-Col. Q. M. C., N. A., Adv. Engr. on Water Supply, Constr. Div., Washington, D. C.	Aug. 22, 1894
MAVITY, J. W., C.E. 806 N. Jefferson St., Wellington, Kans.	May 14, 1915
MAXWELL, DONALD H. Asst. Engr. with Alvord & Burdick, 1417 Hartford Bldg., Chicago, Ill.	Feb. 24, 1917
MAYO, WILLIAM B. c/o Ford Motor Co., Detroit, Mich.	June 4, 1912
MEAD, DANIEL W., C.E. 120 W. Gorham St., Madison, Wis.	Apr. 17, 1889
MEARS, BRAINERD Prof. of Chem., Williams College, Williamstown, Mass.	June 28, 1915
MEEKER, GEORGE R. Supt. Water Wks., Geneseo, N. Y.	May 19, 1916
MELLEN, A. F. City Chemist, Filt. Plant, Moline, Ill.	Apr. 23, 1915
MELLON, T. A. Prest. Kensington Water Co., 514 Smithfield St., Pittsburgh, Pa.	June 24, 1903

MERCIER, PAUL-EMILE Ch. Engr. & City Svyr., City Hall, Montreal, Can.	Apr. 18, 1916
MERCK, WILLIAM E. Supt. Water & Lt. Dept., Jackson, Ga.	June 18, 1916
MESSER, RICHARD Major Q. M. C., N. A., Cons. Div. M. & R. Bch., Washington, D. C.	June 10, 1911
MESSER, SAMUEL F. Supt. Kent Water & Lt. Co., Kent, Ohio.	Nov. 23, 1915
METCALF, JOHN T. Asst. Engr., in Chge. L. I. Watershed, 625 West St., Brooklyn, N. Y.	June 28, 1916
METCALF, LEONARD Cons. Civil Engr., 14 Beacon St., Boston, Mass.	June 24, 1903
MEYERS, A. H. Supt. Water Co., Columbia, Pa.	June 24, 1903
MICHEL, B. G. City Engr., Kitchener, Ontario. Can.	June 8, 1916
MICHIE, JOHN C., C.E. Supt. Water Co., Durham, N. C.	June 24, 1903
MICKLE, F. LEE State Dept. of Hlth., 135 Huntington St., New Haven, Conn.	Feb. 11, 1917
MIDDLEMISS, GEORGE A., C.E. Supr. of Plmbg., 602 Carondelet St., New Orleans, La.	Apr. 27, 1910
MILLER, CARROLL Genl. Mgr. Murphysboro Water Wks. & Elect. & Gas Lt. Co., Aurora, Ill.	June 23, 1916
MILLER, CLARENCE F., M.E. 941 E. Ontario St., Philadelphia, Pa.	Apr. 4, 1916
MILLER, CLIFFORD N., H.E. 2807 Union Central Bldg., Cincinnati, Ohio.	May 14, 1915
MILLER, EDWIN E. Asst. Supt. Power Plants, Hackensack Water Co., Weehawken, N. J.	Mch. 28, 1914
MILLER, HIRAM ALLEN Cons. Engr., 8 Beacon St., Boston, Mass.	June 10, 1911
MILLER, J. A. Supt. Water Wks., 10 W. Third St., Alton, Ill.	June 8, 1909
MILLER, MELVILLE W. Supt. Lafayette Water Wks., Lafayette, Ind.	May 14, 1915
MILLER, WALTER EDWARD 1719 Madison St., Madison, Wis.	June 4, 1912

MILLIGAN, R. E. Chem., P. O. Box A, Nutley, N. J.	June 11, 1902
MILNE, ALEXANDER Supt. Water Wks., St. Catharines, Ontario, Can.	June 24, 1903
MINOR, EDWARD EASTMAN Supt. New Haven Water Co., 91 Temple St., New Haven, Conn.	June 4, 1912
MITCHELL, CHARLES HAMILTON, C.E. Lieut.-Col. Chf. of Intelligence, 2d British Army, British Exp. Forces.	June 10, 1911
MITCHELL, GEORGE Lt. R. M. Engrs. H. M. S. <i>Impérieuse</i> , London, Eng.	June 24, 1913
MOAT, CHARLES P. Chem. State Bd. of Health, 184 Church St., Burlington, Vt.	Apr. 9, 1915
MOHLER, B. M. 1st Lieut. San. Corps, N. A., Am. Exp. Forces.	Feb. 24, 1917
MOHRHARDT, E. F. Secty. Bd. Fire Undwtrs. of the Pacific, 914 Merchants Exchange Bldg., San Francisco, Cal.	Oct. 10, 1917
MOLIS, WILLIAM Supt. Water Wks., Muscatine, Ia.	Mch. 15, 1882
MONFORT, WILSON F. Cons. Chem., 506 N. Vandeventer Ave., St. Louis, Mo.	July 10, 1906
MONTOLIEU, HENRY J., C.E. No. 10 Calle F, Vedado, Havana, Cuba.	June 4, 1912
MOORE, GEORGE H. Supt. Suburban Water Co., Verona, Pa.	May 12, 1908
MOORE, JOHN M. Cons. Engr., Palmer Block, London, Ontario.	July 10, 1906
MORGAN, HENRY B. Mgr. Peoria Water Wks. Co., 143 N. Jefferson Ave. Peoria, Ill.	Oct. 16, 1914
MORRIS, CHARLES H. Supr. of Water Wks., New Brunswick, N. J.	June 8, 1916
MORSE, ROBERT B. Ch. Engr. State Bd. of Health, 16 W. Saratoga St, Baltimore, Md.	May 8, 1915
MORY, A. V. H. Chem. Dir., Dept. 217, Sears, Roebuck & Co., Chicago, Ill.	Nov. 1, 1914

MUNDY, AMBROSE Supt. Middlesex Water Co., Woodbridge, N. J.	Mch. 23, 1914
MURPHY, A. R., C.E. Capt. E. R. C.. Am. Exp. Forces.	June 10, 1911
MURPHY, FRANK J. Supt. Div. of Meters, City Hall, Milwaukee, Wis.	June 11, 1916
MURPHY, L. E. Supt. Water Dept., Jacksonville, Fla.	May 12, 1914
MURRAY, H. E. Capt. Q. M. R. C., Scofield Barracks.	May 8, 1915
MURRIN, JOHN A. Comnr. Pub. Prop., City Hall, Rock Island, Ill.	June 28, 1916
NEARY, JOHN H. Supt. Wtr. Wks, 816 N. Chicago Ave., So. Milwaukee, Wis.	June 28, 1916
NEAVE, J. W. Supt. Water Wks., Salisbury, N. C.	May 10, 1917
NELSON, FRED B., C.E. 966 Anderson Ave., Highbridge, New York, N. Y.	July 18, 1907
NEUT, GEORGE Ch. Engr. Water Wks., Santiago, Chile, S. A.	June 10, 1911
NEVLING, J. B. Secty.-Treas. Clearfield Water Co., Clearfield, Pa.	Oct. 16, 1914
NEWELL, C. W. Serv. Foreman of Maintenance, 2218 Elliott Ave., Minneapolis, Minn.	Apr. 11, 1917
NEWELL, F. H. Cons. Engr., Prof. of C. Engrg., 201 Engrg. Hall, Urbana, Ill.	Feb. 24, 1917
NEWHALL, WILLIAM G. Asst. Supt. Portland Water Dist., 42 Brentwood St., Portland, Me.	Feb. 24, 1917
NEWLANDS, JAMES A. San. Engr., 11 Laurel St., Hartford, Conn.	Oct. 16, 1914
NEYLON, C. M. B. LEIGH, C. & H.E. State River & Water Supply Comn., Engrs. Branch, Treasury Gardens, Melbourne, Australia.	May 8, 1915
NICHOL, E. M., C.E. 212 S. 7th St., Philadelphia, Pa.	June 13, 1916
NICHOLS, A. E., C.E. 5331 Woodlawn Ave., Chicago, Ill.	June 8, 1916
NICHOLS, CHARLES SABIN Assoc. Prof. in chg. of San. Eng., Iowa State College, Ames, Ia.	June 26, 1918

NISHIOEDA, SATORU Municipal Water Wks., Tokyo, Japan.	Oct. 16, 1914
NISSLY, E. L. Prest. Florin Water Co., Florin, Pa.	May 14, 1915
NOLTE, AUGUST G. Supt. Filter Plant, 4212 Red Bud Ave., St. Louis, Mo.	Dec. 20, 1916
NUEBLING, EMIL L. Ch. Engr., Bur. of Water, Reading, Pa.	May 29, 1895
NUTT, J. A. Supt. Water Wks., Monongahela, Pa.	Mch. 17, 1916
NYE, WILLIAM W., Trustee Kennebec Water Dist., Fairfield, Me.	May 12, 1908
O'CALLAHAN, C. D. City Engr., City Hall, Joliet, Ill.	June 13, 1916
O'MEARA, ROBERT J. Asst. Engr., Dept. of Water Supply, 311 E. 124th St., New York, N. Y.	Feb. 24, 1917
O'ROURKE, JAMES Supt. of Water Wks., Fulton, Ill.	Nov. 24, 1914
O'SHAUGHNESSY, JERRY Supt. Dept. of Water, Columbus, Ohio.	Apr. 27, 1910
O'SHAUGHNESSY, M. M. City Engr., 2732 Vallejo St., San Francisco, Cal.	July 18, 1907
OLMSTED, CHARLES S. Supt. Monterey Co. Water Wks., Pacific Grove, Cal.	May 3, 1916
ORCHARD, WILLIAM J. San. Engr., 137 Centre St., New York, N. Y.	Aug. 1, 1917
ORR, ALEXANDER, C.E. Ch. Engr. Water Wks., Gloversville, N. Y.	July 18, 1907
OTT, E. W. Supt., 23 Court St., Cortland, N. Y.	June 13, 1916
OWENS, ROBERT B., B.A., B.E. Govt. Bldgs., Edmonton, Alberta, Can.	Apr. 22, 1914
PARKER, C. B. Asst. Supt. Pipe System, Hackensack Water Co., Weehawken, N. J.	Dec. 30, 1914
PARKER, CHARLES T. Ch. Engr. Alton Water Co., 346 Jefferson St., Alton, Ill.	Apr. 21, 1915
PARR, S. W. Prof. App. Chemistry, Univ. of Ill., Urbana, Ill.	Apr. 21, 1915

PATE, R. L. Mgr. City Water Co., Springfield, Mo.	June 10, 1911
PATRICK, CHARLES G. Genl. Mgr., Goldfield Water Co., P. O. Box 829, Goldfield, Nev.	May 3, 1916
PATTERSON, WM. G. Supt., 20 Gerald Ave., Highland Park, Mich.	May 14, 1915
PATTON, W. A. Prest. & Mgr. Water Co., Catlettsburg, Ky.	June 7, 1904
PATTON, W. S. Secty. Ashland Water Wks. Co., Ashland, Ky.	May 10, 1917
PAYSON, EDGAR R. Mgr. Water Wks., 93 Exchange St., Portland, Me.	June 27, 1905
PEARSE, LANGDON The San. Dist. of Chicago, Karpen Bldg., 900 S. Michigan Ave., Chicago., Ill.	June 24, 1913
PEART, JOHN Water Supply Engr., Met. W. S. & S. Bd. Brisbane, Queensland.	Oct. 9, 1916
PECK, ERMON M. Cons. Engr., Rm. 33, 26 State St., Hartford, Conn.	July 18, 1907
PEDROSO, ALEX. M., M.D. 40 José Bonifacio, San Paulo, Brazil.	May 1, 1917
PERROW, MOSBY GARLAND Health Officer, Lynchburg, Va.	May 1, 1917
PERRY, WILLIAM Hyd. Engr., Maplewood Ave., Cote des Neiges, Montreal, Quebec.	June 26, 1886
PETER, W. F. Supt. Seymour Water Co., Seymour, Ind.	May 3, 1916
PETERSON, EDWARD Mgr. Water Wks. & Lt. Plant, Crookston, Minn.	June 10, 1911
PHELPS, EARLE B. Chem. Hyg. Lab., 25th & E Sts., Washington, D. C.	Oct. 23, 1914
PHILLIPS, CLIFFORD FRENCH Cons. Engr., 801 Internat. Life Bldg., St. Louis, Mo.	Apr. 9, 1915
PHILLIPS, HIRAM Cons. Engr., 715 Internat. Life Bldg., St. Louis, Mo.	June 4, 1912
PHILLIPS, T. C. Water Wks. Engr., 1003 City Hall, Chicago, Ill.	June 27, 1905

PIRNIE, MALCOLM 1st Lieut. R. T. C., N. A., Am. Exp. Forces.	May 10, 1917
PITCHER, F. H. Gen. Mgr. & Ch. Engr., Montreal Water & Power Co., Place D'Armes Square, Montreal, Can.	June 27, 1905
PITNEY, FREDERIC V., C.E. 21 South St., Morristown, N. J.	Nov. 19, 1914
PLAMONDON, ADRIEN, C.E. Engr. and Contr., 70 St. James St., Montreal, Can.	Mch. 27, 1916
PLATTNER, WILLIAM Cons. Engr., North Attleboro, Mass.	Apr. 27, 1910
POLAND, JOHN A. Secty. & Atty., Gas. Lt. & Wtr. Co., Chillicothe, O.	Oct. 23, 1917
POLLARD, SEABURY G. Cons. Engr., 3422 Burch Ave., Cincinnati, O.	June 4, 1912
POLLARD, W. D. Genl. Mgr. Pottsville Water Co., Pottsville, Pa.	May 18, 1892
PORTER, D. P. Supt. Water Wks., 1502 E. 8th St., Pueblo, Col.	Oct. 9, 1916
POTTER, ALEXANDER Cons. Engr., 50 Church St., New York, N. Y.	July 18, 1907
POTTER, CHARLES S. Purch. Agt. Water Co., Louisville, Ky.	Apr. 27, 1910
POTTS, CLYDE C. & San. Engr., 30 Church St., New York, N. Y.	July 10, 1906
POWELL, ALEXANDER C. Chem. Bangor Filter Plant, Bangor, Me.	Apr. 27, 1910
POWELL, SHEPPARD T. Chem. Baltimore Co. Water & Electric Co., 100 W. Fayette St., Baltimore, Md.	July 10, 1906
POWERS, JEROME, C. E. 1st Lieut. 24th Engrs., U. S. R., Am. Exp. Forces.	Mch. 11, 1917
POWNALL, WILLIAM A. Water Engr. Wabash R. R., Decatur, Ill.	May 5, 1915
PRACY, GEO. WESLEY Asst. Supt. Dept. Operation and Maintenance, 2477 21st Ave., San Francisco, Cal.	May 14, 1915
PRATT, CHARLES City Engr. & Supt. Water Wks., 1315 S. Santa Fé Ave., Chanute, Kans.	May 14, 191
PRATT, GILBERT H. Chem. and San. Engr., Box A, Nutley, N. J.	June 8, 1916

PRAY, JOHN W. Supt. Water Wks., Ft. Dodge, Ia.	June 24, 1913
PRICE, W. H. Genl. Mgr., Etowah Water & Lt. Co., Box 628, Etowah, Tenn.	May 23, 1916
PRINCE, GEORGE T., C.E. Omaha Water Bd., Omaha, Neb.	July 10, 1916
PROBASCO, SELDEN R., C.E. Burlington, N. J.	Apr. 14, 1916
PROVOST, ANDREW J., JR. San. Expert & Hyd. Engr., 39-41 W. 38th St., New York, N. Y.	May 12, 1908
PRUETT, G. C., C.E. City Engr. & Supt. Water Wks., Box 673, Miles City, Mont.	Feb. 25, 1914
PUGH, MARSHALL R., C.E. Major 21st Engrs.. Am. Exp. Forces.	Apr. 27, 1910
PURDY, J. H. c/o Amer. Water Wks. & Elect. Co., 50 Broad St., New York, N. Y.	May 27, 1896
QUAYLE, LEROY A. Mech. Engr., Water Dept., 1455 W. 98th St., Cleveland, Ohio.	June 28, 1915
QUICK, ALFRED MERRITT, C.E. 725 Munsey Bldg., Baltimore, Md.	June 18, 1901
QUINN, M. P. Fidelity Bldg., Philadelphia, Pa.	May 12, 1914
RACE, JOSEPH City Bact. & Chem., Ottawa, Can.	May 12, 1914
RADER, R. P. Supt. Lehigh Water Co., Easton, Pa.	May 12, 1908
RAFFO, BARTOLOME M. Ing. de las Obras Sanitarias de la Nacion, Calle Moreno 2602, Buenos Aires, R. Argentina	Oct. 25, 1917
RAINS, J. M. Supt. Water Wks., Lebanon, Ky.	May 12, 1908
RAMSEY, WILLIAM H. C. Upland & Oakland Terrace, Bala, Pa.	May 6, 1916
RAPP, W. M. Supt. Constr. Water Dept., Atlanta, Ga.	May 17, 1899
RANDALL, W. H. Supt. Maintc., Wtr. Wks Dept., 188 Albany Ave., Toronto, Ont.	June 8, 1909

REAGAN, JOHN F., JR. 1137 Park Ave., Utica, N. Y.	July 10, 1906
RECTOR, FRANK LESLIE, M.D. Bacteriologist, 227 Fulton St., New York, N. Y.	Apr. 16, 1914
REED, D. A. Mgr. Water & Light Dept., Duluth, Minn.	June 24, 1913
REES, S. P., C. E. 170 Sprague Ave., Pittsburgh, Pa.	May 9, 1917
REID, WALTER Supt. Water Wks., Springfield, Ill.	Apr. 19, 1915
REIMER, ARTHUR A. 45 So. Maple Ave., East Orange, N. J.	May 12, 1908
RELPH, O. S. Supt. San. José Water Co., San José, Cal.	May 14, 1915
REYER, GEORGE Supt. Water Wks., Nashville, Tenn.	Apr. 16, 1884
RHYNS, CLARENCE PAULDING Asst. San. Engr., U. S. Hyg. Lab., Washington, D. C.	June 4, 1912
RICE, P. D. Engr. Redwood Mfrs. Co. 1600 Hobart Bldg., San Francisco, Cal.	May 14, 1915
RICHARDS, ARTHUR Cons. Engr. Richards Engrg. Co., 37½ E. Long St., Columbus, Ohio.	Nov. 23, 1915
RIDER, JOSEPH B. Cons. Engr., 29 Broadway, New York, N. Y.	May 12, 1914
RINGNESS, HENRY Asst. to Mgr. Peoria Water Wks. Co., 143-5 N. Jefferson St., Peoria, Ill.	Apr. 23, 1915
RITCHIE, EDGAR GOWAR Engr. of Water Supply, Met. Bd. of Wks., Mel- bourne, Australia.	June 24, 1915
ROBERTS, EARL I. Asst. Engr. State Dept. of Hlth., Columbus, Ohio.	Jan. 7, 1918
ROBERTS, WILLIAM J. Ch. Engr. Inter-County River Improvement, 401 Court House, Tacoma, Wash.	Oct. 23, 1914
ROBINSON, LEONARD C. Supt. Water & Sewer Dept., Concord, Mass.	July 18, 1907
ROBINSON, WILLIAM P. Chrmn. Bd. of Dir., The Denver Union Water Co., Denver, Colo.	June 8, 1897

RODMAN, GEORGE EDWARD Asst. Engr. Dept., W. S. G. & E., 317 W. 99th St., New York, N. Y.	Feb. 10, 1917
ROHRBACH, WILLIAM R. Mgr. Sunbury Water Co., Sunbury, Pa.	July 10, 1906
ROMIG, C. O. Secty. & Supt. Wtr. Sup. Co., Dennison, O.	Oct. 23, 1917
ROOS, CHARLES M. Supt. Cairo Water Co., Cairo, Ill.	June 24, 1913
ROSENTHAL, HELMAN Supt. & Chf. Chmst., Wtr. Purif. Plant, Dallas, Tex.	June 26, 1918
ROSENTRETER, HERMAN Prin. Asst. Engr. of Wks., Water Dept., City Hall, Newark, N. J.	Mch. 12, 1908
ROSS, CHARLES H. Supt. Water Dept., Brockport, N. Y.	July 10, 1906
ROSS, R. A. Cons. Engr., 80 St. Francis Xavier St., Montreal, Can.	June 15, 1914
RUDDEROW, MAURICE B. Mgr. Merchantville Water Co., Merchantville, N. J.	June 25, 1914
RUE, J. A. Supt. Mattoon Clear Water Co., 1217 Marshall Ave., Mattoon, Ill.	Apr. 14, 1916
RUGE, BERNARD A. Secty.-Treas. Ward Carpenter & Co., Civil. & Constg. Engrs., Tarrytown, N. Y.	June 15, 1917
RUSSELL, NORMAN F. S. 1421 Chestnut St., Philadelphia, Pa.	Dec. 22, 1915
RUST, C. H. National Club, Bay St., Toronto, Ont.	June 24, 1903
RUTTAN, H. N. Brig. Genl. Cmndg. M. D., No. 10, Winnipeg, Manitoba	May 12, 1918
RYAN, WILLIAM G. San. Engr., 34 West St., Florence, Mass.	Apr. 27, 1910
SACKETT, ROBERT L. Dean, School of Engrg., Pa. State College, State Col- lege, Pa.	June 24, 1913
SALMON, C. B. Pub. Util. Broker, Beloit, Wis.	June 11, 1902
SALMOND, JAMES J. Mgr. Canadian Engineer, 62 Church St., Toronto, Ont.	July 18, 1907

SANDO, WILL J. Cons. Engr., 1338-39 Wells Bldg., Milwaukee, Wis.	June 27, 1905
SANDS, CHARLES G. Supt. Gt. South Bay Water Co., Bay Shore, N. Y.	May 13, 1916
SANZENBACHER, GEORGE Engr. & Supt. Dept. of Water, Newark, N. J.	June 27, 1905
SARGENT, GEORGE H. Supt. Water Wks. & City Engr., La Grange, Ga.	Apr. 12, 1916
SAUNDERS, FREDERICK WALTER THEODORE Port Augusta, South Australia.	May 12, 1908
SAVILLE, CALEB MILLS Mgr. & Chf. Engr. Wtr. Wks., Pilgara Building, Hartford, Conn.	Mch. 26, 1918
SAWIN, LUTHER R. Bact. in Chge. of Mt. Kisco Lab., Mt. Kisco, N. Y.	Aug. 3, 1916
SAYER, FRED D. Borough Engr. & Supt. of Water, Brookville, Jef- ferson Co., Pa.	Apr. 22, 1914
SCARTH, STANILAND Supt. Water, Sewer & Lt., Newark, N. Y.	Aug. 18, 1916
SCHARFF, MAURICE R. 1st Lieut. E. O. R. C., Am. Exp. Forces.	May 12, 1914
SCHAUP, CHARLES E. Cons. Engr., 36 S. 17th St., Harrisburg, Pa.	May 12, 1914
SCHNELLBACH, J. F. Asst. Engr. Ill. State Water Survey, Rm. 57, Chem- istry Bldg., Urbana, Ill.	Feb. 14, 1917
SCHOLZ, ROBERT O. Asst. Engr. Dept. of Water, 45 Seymour Ave., New- ark, N. J.	Mch. 1, 1916
SCHULZ, C. F. Cons. Engr., 1906 E. 105th St., Cleveland, Ohio.	July 10, 1906
SCHWABE, WALTER P. Prest. & Mgr. The Thompsonville Water Co., 15 Central St., Thompsonville, Conn.	Nov. 1, 1914
SCHWARTZ, FREDERICK W. 439 Hamilton St., Albany, N. Y.	July 18, 1907
SCHWINN, PHIL Genl. Mgr. City Wtr. Wks., Dubuque, Ia.	May 1, 1918
SCOTT, WALTER M. Cons. Engr., 188 Montrose St., River Heights, Win- nipeg, Manitoba.	Mch. 28, 1914
SEIBERT, JOSEPH Supt. Water Wks., St. Cloud, Minn.	June 4, 1912

SEMANS, CARL R Mgr. Water, Lt. & Power Co., Washington, Ind.	June 8, 1904
SENIOR, SAMUEL PALMER V.-Pres. & Engr. Bridgeport Hydraulic Co., Bridgeport, Conn.	July 10, 1906
SHARP, JOHN T., JR. Supt. Elect. Lt. & Water Co., Canton, Miss.	Apr. 27, 1910
SHAW, A. W. Supt. Water Wks., Brandon, Manitoba, Can.	June 10, 1911
SHAW, F. H. Civil, Hyd. & San. Engr., 310 Breneman Bldg., Lancaster, Pa.	May 12, 1908
SHAW, JESSE Supt. City Water Wks., Topeka, Kan.	June 8, 1916
SHAW, WALTER A. State Pub. Util., 1509 Farwell Ave., Chicago, Ill.	July 10, 1916
SHEPARD, JAMES A. Supt. Bisbee-Naco Water Co., Bisbee, Ariz.	Apr. 20, 1918
SHEPHERD, A. B. 2d V.-Pres. Woodlawn Water Co., Pittsburgh, Pa.	May 27, 1896
SHEPPERD, F. W. <i>Fire and Water Engineering</i> , 154 Nassau St., New York, N. Y.	Apr. 18, 1888
SHERMAN, CHARLES W. Cons. Engr., 14 Beacon St., Boston, Mass.	May 12, 1914
SHERMAN, RICHARD U. 87 Utica City Natl. Bk. Bldg., Utica, N. Y.	Apr. 27, 1910
SHERMAN, RICHARD W. Cons. Engr., 104 S. Lake Ave., Albany, N. Y.	Apr. 20, 1918
SHERMAN, WALTER J., C.E. The W. J. Sherman Co., Toledo, Ohio.	May 12, 1908
SHERRERD, MORRIS R. Ch. Engr. St. & Water Comn., City Hall, Newark, N. J.	June 7, 1897
SHIBLEY, KENNETH C. & Hyd. Engr., 1218 Merchants Exch., San Fran- cisco, Cal.	Sept. 27, 1915
SHIELDS, W. S. 1201 Hartford Bldg., Chicago, Ill.	May 17, 1899
SHOEMAKER, G. E. Secty. Water Wks., Waterloo, Ia.	June 10, 1911
SHOWELL, EDWARD B., JR. du Pont Powder Co., City Point, Va.	June 24, 1913

SIDDONS, JOSEPH S. V. Supt. Torresdale Filters, 1648 Dyre St., Philadelphia, Pa.	May 12, 1916
SIEBER, WILLIAM Supt. Water Wks., Henderson, Ky.	May 14, 1915
SIEMS, V. BERNARD Res. & Actg. Pitometer Engr., Water Dept., 1408 E. Chase St., Baltimore, Md.	May 12, 1914
SIMONDS, FRED W. City Engr. & Supt. Water Works, Rahway, N. J.	June 26, 1918
SJOBLOM, M. C. Asst. Engr. State Bd. of Health, State Capitol, Springfield, Ill.	Jan. 15, 1916
SLUYTER, E. W. Supt. Water Wks., Herkimer, N. Y.	July 10, 1906
SMITH, ALVA J. City Engr. & Supt. of Water, Emporia, Kans.	June 26, 1918
SMITH, ARTHUR H. Engr., The Calco Chemical Co., Bound Brook, N. J.	June 26, 1918
SMITH, CHARLES H., M.E. 802 Grosvenor Bldg., Providence, R. I.	May 12, 1914
SMITH, CHARLES WALTER 336 Miller St., North Sydney, N. S. W., Australia.	July 18, 1907
SMITH, E. H. Mgr. N. J. Water Serv. Co., 3 Ellis St., Haddonfield, N. J.	June 23, 1914
SMITH, GORDON Z. c/o Bridgeport Hydraulic Co., Bridgeport, Conn.	May 12, 1915
SMITH, J. J. City Engr., 433 Maple Ave., Grand Forks, N. D.	June 26, 1918
SMITH, J. WALDO Ch. Engr. Bd. of Water Supply, Municipal Bldg., New York, N. Y.	June 15, 1898
SMITH, KARL H. Supt. Elect. Lt. & Water Wks., Grafton, N. D.	June 26, 1918
SMITH, L. B. Mgr. Westmoreland Water Co., Greensburg, Pa.	Oct. 6, 1914
SMITH, LEON A. Supt. Water Wks., City Hall, Madison, Wis.	May 19, 1916
SMITH, MERRETT HAVILAND Col. 104th F. A., Am. Exp. Forces.	July 27, 1915
SMITH, OWEN T. Supt. Water Wks., Freeport, Ill.	Sept. 7, 1893

SMITH, R. J. Supt. Canadian Elect. Water Power Co., Ltd., Perth, Ontario.	June 10, 1911
SMITH, W. Z. Genl. Mgr. Water Wks., 442 Luckie St., Atlanta, Ga.	Apr. 27, 1910
SMOOT, L. D. Capt. Q. M. C., N. A., Camp A. A. Humphreys, Va.	June 4, 1912
SNELL, GEORGE H. 49 County St., Attleboro, Mass.	July 10, 1906
SOLOMON, GABRIEL ROBERTS Cons. Engr., 1622 Candler Bldg., Atlanta, Ga.	June 24, 1913
SONDEREGGER, ARTHUR L. Cons. Engr., 635 Central Bldg., Los Angeles, Cal.	June 10, 1911
SPALDING, GEORGE R. Chem. Hackensack Water Co., New Milford, N. J.	Mch. 28, 1914
SPAULDING, W. J. Commissioner, Springfield, Ill.	Nov. 1, 1914
SPEAR, WALTER E. Major U. S. R., Officer in Chge. of Utilities, Camp Upton, N. Y.	Jan. 12, 1915
SPERRY, WALTER A. Chem. Filt. Plant, Grand Rapids, Mich.	Dec. 30, 1914
SPILLER, H. C. Prest. Jackson Wtr. Sup. Co., 27 State St., Boston, Mass.	July 24, 1918
SPIRE, LEONARD S. Hyd. & Valve Recorder, Bur. Water, 50 Lakeview Ave., Buffalo, N. Y.	July 24, 1918
STANTON, H. Waterworks Insp., Western Canada Fire Under- writers Assn., Box 2973, Winnipeg, Man.	Aug. 3, 1916
STANFIELD, A. C., C.E. Pana, Ill.	Jan. 12, 1915
STEARNS, HARRINGTON P. c/o Queens County Water Co., Far Rockaway, N. Y.	Jan. 27, 1914
STEELE, J. A., JR. Mgr. City Water Wks., Vicksburg, Miss.	Mch. 14, 1916
STEPHEN, CHARLES Lieut. Cmdg. R. N., Naval Royal, H. M. S. "Skate," London, Eng.	Apr. 14, 1916
STERLING, JOE C. Supt. Water Wks., Munroe, Mich.	June 24, 1903

STEVENS, HAROLD C. Cons. Engr., 150 Nassau St., New York, N. Y.	May 12, 1914
STEVENS, HARRY Cons. Engr. Union Tr. Bldg., Washington, D. C.	May 13, 1916
STONE, E. W. Analyst, Pueblo Water Wks., Box 818, Pueblo, Col.	Oct. 9, 1916
STONE, R. D. Prest. & Mgr., 400 Chestnut St., Philadelphia, Pa.	Dec. 22, 1915
STORRIE, WILLIAM Ch. Engr., John ver Mehr Engineering Co., 154 Simcoe St., Toronto, Ont.	May 8, 1915
STOVER, FREDERICK H. Crescent Hill Filter, Louisville, Ky.	June 4, 1912
STREETER, C. H. Supt. Water & Elect. Plants, Cedar Falls, Ia.	May 8, 1915
STREETER, H. W. San. Engr., U. S. Hyg. Lab., 25th & E Sts., Wash- ington, D. C.	May 8, 1915
STROMQUIST, W. G. U. S. Pub. Health Serv., 3d & Kilgour Sts., Cincin- nati, Ohio.	Oct. 26, 1914
STROTHMAN, L. E. Mgr. Pumping Eng. & Steam Turb. Dept., Allis- Chalmers Mfg. Co., Milwaukee, Wis.	Apr. 27, 1910
STURGES, LEE Prest. Elmhurst Spring Water Co., Elmhurst, Ill.	Mch. 4, 1915
SULLIVAN, C. J. Supt. Water Wks., 319 2d Avenue N., Chisholm, Minn.	June 24, 1913
SUMNER, GUILFORD H., M.D. Secy. Iowa State Bd. of Health, Des Moines, Ia.	May 29, 1916
SURVEYER, ARTHUR Cons. Engr., 274 Beaver Hall Hill, Montreal, Can.	Apr. 14, 1916
SUTER, RUSSELL, Capt. E. O. R. C., Am. Exp. Forces.	Oct. 16, 1914
SWEET, E. O., C.E. Birmingham Water Wks. Co., 1106½ Virginia Ave., Birmingham, Ala.	May 30, 1916
SWITZER, JOHN A. Cons. Engr., Prof. Hyd. & San. Engrg., Univ. of Tenn., Knoxville, Tenn.	May 14, 1916
SYLVESTER, ELBERT W. City Engr. & Supt. Pub. Wks., Poughkeepsie, N. Y.	June 3, 1916

SYMONS, M. M. Ch. Engr. Interstate Water Co., 1009 W. Fairfield St., Danville, Ill.	Apr. 19, 1915
TABER, GEORGE A. Cons. Engr., Park Row Bldg., New York, N. Y.	June 4, 1912
TALBOT, ARTHUR N. Prof. Municipal & San. Engrg., Univ. of Ill., Ur- bana, Ill.	Aug. 22, 1894
TALBOTT, FRANK Supt., Secty., & Treas. Water Wks, Danville, Va.	June 7, 1904
TANNER, FRED W., Ph.D. Bact. Dept., 365 Chem. Bldg., Univ. of Ill., Urbana, Ill.	Nov. 1, 1914
TARR, H. G. H. 400 Chestnut St., Philadelphia, Pa.	June 10, 1911
TAYLOR, HENRY W. Hyd. & San. Eng., 26 Cortland St., New York, N. Y.	Jan. 27, 1914
TAYLOR, GEORGE R. San. Chem., 115 Wyoming Ave., Scranton, Pa.	May 12, 1908
TAYLOR, SAMUEL A. Cons. & Constr. Engr., 5th Floor, 2d Natl. Bk. Bldg., Pittsburgh, Pa.	June 10, 1902
TAYLOR, W. E. Ch. Engr. Water Co., Water St. & Big 4, Terre Haute, Ind.	July 18, 1903
THAYER, FREDERICK C. Prest. Kennebec Water Dist., Waterville, Me.	May 12, 1908
THOMAS, D. G. Ch. Engr., The Denver Union Water Co., Denver, Colo.	June 8, 1909
THOMAS, ROBERT J. Supt. Wtr. Wks., 85 11th St., Lowell, Mass.	May 16, 1900
THOMPSON, CHARLES N. Gen. Mgr. Bucks Hill Water Co., Bucks Hill Falls, Pa.	May 12, 1914
THORNE, MILTON Supt. Portland Water Dist., 8 Lightfoot St., Port- land, Me.	Apr. 14, 1916
THORNELL, JOSEPH B. Chem. Broadway Pumping Sta., Council Bluffs, Iowa.	Oct. 16, 1916
TIGHE, JAMES L. Cons. Engr., 189 High St., Holyoke, Mass.	Apr. 17, 1889

TILDEN, JAMES A. Mech. Engr. Hersey Mfg. Co., Boston, Mass.	Apr. 17, 1889
TISDALE, ELLIS S. Asst. Engr. San. Engrg. Div., State Dept. of Health, Charleston, W. Va.	Oct. 18, 1916
TOAL, D. C. Ed. <i>Water and Gas Review</i> , 35 Warren St., New York, N. Y.	June 24, 1903
TODD, WILLIAM Supt. Elect. Lt. & Water Wks., Austin, Minn.	June 18, 1901
TOLLES, FRANK C. 1st Lieut. Co. E., 112th Engrs., Am. Exp. Forces.	Mch. 1, 1916
TOLMAN, MAYO Dir. Div. of San. Engrg., W. Va. State Dept. of Health, Charleston, W. Va.	Jan. 12, 1915
TOLSON, ALBERT Supt. of Filters, Bur. of Water, Philadelphia, Pa.	Jan. 28, 1916
TOMLINSON, SAM 100 Robinson Rd., Singapore, S. S.	July 14, 1887
TOWNLEY, DAVID H. Engr., Elizabethtown Water Co., 139 Murray St., Elizabeth, N. J.	May 30, 1916
TOWNSEND, E. R. Hyd. Engr., 175 W. Jackson Blvd., Chicago, Ill.	July 10, 1906
TOYNE, J. W. Capt. Q. M. C. Camp Custer, Mich.	May 12, 1914
TRAUTWINE, JOHN C., JR., C.E. 257 S. 4th St., Philadelphia, Pa.	May 27, 1896
TRAVIS, F. M. Prest., The Torrington Water Co., 77 Church St., Torrington, Conn.	July 30, 1917
TRAX, E. C. Chem., Filtn. Plant, McKeesport, Pa.	June 10, 1911
TREANOR, PAUL W. Comr. of Water Works, Nashville, Tenn.	Apr. 30, 1918
TRETHOWAN, H. C. Under Secty. for Water Supply, 56 James St., Perth, W. Australia.	May 12, 1915
TRIBUS, LOUIS LINCOLN, C.E. 15 Park Row, New York, N. Y.	May 12, 1906
TROW, LINDEN C. Supt. Water Wks., Lake Forest, Ill.	June 4, 1912

TUTTLE, ARTHUR S. Asst. Ch. Engr. Bd. of Est. & Apport., Municipal Bldg., New York, N. Y.	July 10, 1906
VAN DEUSEN, W. P. Bact. and Chem., Water Wks. Dept., 3510 Architect Ave., N. E., Minneapolis, Minn.	Feb. 24, 1917
VAN GILDER, L. Engr. & Supt. Water Dept., City Hall, Atlantic City, N. J.	July 10, 1906
VAN LOAN, SETH M. 4334 Pine St., Philadelphia, Pa.	May 12, 1914
VAN TRUMP, S. N. Asst. Engr. & Supt. Water Wks., Wilmington, Del.	Feb. 8, 1916
VASCONCELLOS, JOSHUA Comnr. of Pub. Prop., City Hall, Jacksonville, Ill.	May 3, 1916
VEATCH, FRANCIS M. Asst. Engr., Kansas State Bd. of Health, Lawrence, Kan.	Oct. 4, 1916
VEATCH, N. T., JR. Cons. Engr., 507 Inter-State Bldg., Kansas City, Mo.	Dec. 20, 1915
VERMEULE, CORNELIUS C., C.E. 203 Broadway, New York, N. Y.	June 8, 1909
VEST, W. E. Supt. Water Wks., Charlotte, N. C.	June 10, 1911
VINAL, C. H. Cons. Engr., 522 68th St., West Allis, Wis.	June 24, 1913
VOLKHARDT, WILLIAM 15 Townsend Ave., Stapleton, N. Y.	June 11, 1902
VROOMAN, MORRELL San. Engr., Gloversville, N. Y.	June 24, 1913
WADSWORTH, G. A. Supt. Water Dept., Evanston, Ill.	June 26, 1918
WAGENHALS, HERBERT H. U. S. Pub. Health Serv., 3d & Kilgour Sts., Cin- cinnati, Ohio.	Aug. 24, 1915
WAGNER, BERNARD M. Cons. Engr., 11 Broadway, New York, N. Y.	Nov. 24, 1914
WAGNER, E. G. Supt. Water Wks. City Hall, Lewiston, Idaho.	Dec. 30, 1916
WAGNER, H. F. Chem., Bur. of Water, Lab., Col. F. G. Ward Sta., Buffalo, N. Y.	May 12, 1914

WALDEN, A. E. Supt. & Ch. Engr., 100 W. Fayette St., Baltimore, Md.	May 12, 1908
WALKER, ELTON D. Capt. Co. A, 15th U. S. Engrs., Am. Exp. Forces.	July 18, 1907
WALL, EDWARD E. Water Comnr., 312 City Hall, St. Louis, Mo.	June 7, 1904
WALLACE, ROBERT B. Water Wks. Trustee, Council Bluffs, Ia.	Feb. 27, 1917
WALRADT, ARTHUR E. 26 Liberty St., New York, N. Y.	Jan. 27, 1914
WARDER, CHARLES Supt. Water Wks., Niagara Falls, Ont.	Jan. 8, 1916
WARDLE, ANDREW NELSON Asst. Engr. Div. of San. Engrg., State Dept. of Health, Charleston, W. Va.	Sept. 8, 1916
WARDWELL, EVERETT C. Trustee Kennebec Water Dist., Waterville, Me.	July 20, 1916
WARING, F. HOLMAN Asst. Engr., Div. of San. Engrg., State Bd. of Health, Columbus, O.	Apr. 14, 1915
WARNER, G. H. Supt. Water Wks., St. Petersburg, Fla.	Apr. 4, 1916
WARNER, WILLIAM S. Chem. and Bact., Hotel du Pont, City Point, Va.	Oct. 9, 1916
WARREN, CHARLES E. Trustee Kennebec Water Dist., Waterville, Me.	June 4, 1912
WATERMAN, FAY L. Supt., 115 Jefferson Ave., Endicott, N. Y.	Feb. 25, 1914
WATKINS, THOMAS Mech. Engr., Johnstown, Pa.	May 18, 1892
WATERS, GEORGE LAWRENCE Hyd. Engr. Lehigh Valley R. R., So. Bethlehem, Pa.	Feb. 25, 1914
WEBSTER, DAVID LOUIS, M.E. Brantford Water Co., 18 Leonard St., Brantford, Ont.	May 30, 1916
WEBSTER, EDWIN ROLAND Cons. Engr., Webster Bldg., Chicago, Ill.	Jan. 15, 1916
WEGMAN, EDWARD Cons. Engr., Park Row Bldg., New York, N. Y.	June 11, 1902
WEHR, ALBERT H. Prest. Baltimore County Water & Elect. Co., Bal- timore, Md.	June 18, 1901

WELKER, JOSEPH E. Asst. Engr., State Bd. of Health, University Club, Lawrence, Kan.	Jan. 24, 1916
WELLS, GEORGE M. Cons. Engr., 40 Wall St., New York, N. Y.	June 24, 1913
WELLS, J. N. Supt. Muncie Water Co., Muncie, Ind.	July 18, 1907
WERNER, RAY C. Dir. Div. Wtr. Anal., State Bd. of Hlth., Atlanta, Ga.	June 24, 1918
WEST, FRANCIS D. Chem. Torresdale, Philadelphia, Pa.	Feb. 24, 1914
WEST, GEO. F. Prest. Biddeford & Saco Water Co., Portland, Me.	June 4, 1912
WEST, GEORGE M. Supt., 168 First St., Lehigh, Pa.	Mch. 17, 1916
WEST, VERNON F. Lieut. U. S. Navy, Portland, Me.	June 25, 1914
WEST, WARREN G. Supt. & Secty., The Leadville Wtr. Co., Leadville, Col.	Apr. 20, 1918
WESTON, ROBERT SPURR Cons. San. Engr., 14 Beacon St., Boston, Mass.	June 15, 1898
WESTOVER, GEORGE D. Genl. Mgr. Water & Lt. Co., Cadillac, Mich.	June 10, 1911
WETTER, CLARENCE H. Supt. Water Wks., Tiffin, Ohio.	July 27, 1915
WHEELER, ROBERT C., C.E. Capt. Q. M. C., Newport News, Va.	Oct. 23, 1914
WHEELER, SAMUEL Supt. Water Co., Ashland, Wis.	June 24, 1903
WHEELER, WILLIAM Cons. C. E., 14 Beacon St., Boston, Mass.	July 10, 1906
WHIPPLE, GEORGE C. Cons. Engr., Pierce Hall, Harvard Univ., Cam- bridge, Mass.	June 7, 1904
WHITE, GILBERT C., C.E. Durham, N. C.	May 12, 1908
WHITLOCK, AUGUSTUS N. Front and Fulton Sts., Chester, Pa.	June 4, 1912
WHITMAN, EZRA B. Major O. R. C., Camp Meade, Md.	Apr. 27, 1910

WHITSIT, LAWRENCE C. City Engr., 110 California Ave., Highland Park, Mich.	May 10, 1917
WHITTAKER, H. A. Dir. Div. of Sanitn., State Bd. of Health, Minne- apolis, Minn.	June 24, 1914
WICKHAM, JAMES T. Royal Engrs., British Army, London	Apr. 16, 1914
WIGHT, H. C. Genl. Supt., Div. of Water, Dayton, O.	May 14, 1915
WIGLEY, CHESTER G., C.E. c/o Wallace & Tiernan Co., 137 Centre St., New York, N. Y.	Apr. 27, 1910
WILCOX, FRANK L. Cons. Engr., Syndicate Tr. Bldg., St. Louis, Mo.	May 12, 1914
WILCOX, WILLIAM F. Supt. Central Water Wks., Ensley, Ala.	Apr. 27, 1910
WILES, C. W. Supt. Water Wks., Delaware, Ohio.	May 17, 1899
WILHELM, E. G. Secty.-Treas. Williamsport Water Co., Williams- port, Pa.	Feb. 24, 1917
WILHELM, GEORGE Ch. Engr. East Bay Water Co., Oakland, Cal.	June 24, 1913
WILL, CHARLES K. Supt. Water Wks., 118 S. Queen St., Lancaster, Pa.	Mch. 1, 1916
WILLARD, ERNEST C., C.E. Nortonia Hotel, Portland, Ore.	Oct. 23, 1914
WILLETT, J. F. 138 Wyoming Ave., Billings, Mont.	May 9, 1915
WILLIAMS, GARDNER S. Cons. Engrs., Cornwell Bldg., Ann Arbor, Mich.	July 10, 1906
WILLIAMS, HOWARD L. Supt. Water Wks., Ludington, Mich.	Aug. 24, 1894
WILLIAMSON, CLIFF T. Chmn. Bd. Water Comnr., 2554 Houston Rd., Macon, Ga.	June 24, 1913
WILLSON, WILLIAM JAY Supt. Water Wks., Greenwich, Conn.	June 8, 1916
WILSON, EDGAR K. Prin. Asst. Engr., c/o The Pitometer Co., 25 Elm St., New York, N. Y.	June 24, 1913

WILSON, HORACE Prest. & Genl. Mgr., 404 S. Clayton St., Wilmington, Del.	May 12, 1914
WILSON, JAMES B. Ch. Engr. & Supt., Louisville Water Co., Louisville, Ky.	Apr. 14, 1915
WILSON, JESSE H., C. E., City Engineer, Idaho Falls, Idaho	June 26, 1918
WILSON, JOHN City Engr., Duluth, Minn.	Apr. 27, 1910
WINDHOLZ, CHARLES A. Supt. Bur. of Water, Syracuse, N. Y.	May 30, 1916
WINGFIELD, NISBET Cons. Engr., Augusta, Ga.	June 10, 1911
WINSLOW, C.-E. A. Yale Medical School, New Haven, Conn.	Apr. 21, 1915
WINSLOW, W. H. V.-Prest. & Genl. Mgr. Superior Water, Lt. & Power Co., Superior, Wis.	June 8, 1909
WOLBERT, H. E. Supt. N. Y. Inter-Urban Water Co., Mt. Vernon, N. Y.	May 30, 1916
WOLMAN, ABEL San. Engr., 16 West Saratoga St., Baltimore, Md.	Mch. 28, 1918
WOOD, EDWARD R., JR. Capt. 118th F. A., Am. Exp. Forces.	Apr. 4, 1916
WOOD, HENRY H. Supt. Water Works, City Hall, Muskogee, Okla.	June 26, 1918
WOOD, WALTER Prest. Millville Water Co., 400 Chestnut St., Philadelphia, Pa.	June 7, 1904
WOODBURN, WILLIAM F. 201 Devonshire St., Boston, Mass.	June 24, 1903
WOOLFOLK, HENRY E. Supt. Water Wks., Danville, Ky.	June 4, 1912
WORRELL, M. L. Capt. Q. M. C., Asst. Officer in Charge of Utilities, Camp Logan, Tex.	June 24, 1903
WORTHEN, JESSE M. San. Engr., Midland Park, S. C.	June 9, 1909
WRIGHT, JOHN BERTRAM, C.E. Capt. Co. C, 520th Engrs., Camp A. A. Humphrey, Va.	July 28, 1914

AMERICAN WATER WORKS ASSOCIATION

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WYCKOFF, CHARLES RAPELYE, C. E.. c/o Geo. A. Johnson, 150 Nassau St., New York, N. Y.	Apr. 4, 1918
WYNNE-ROBERTS, R. O. 40 Jarvis St., Toronto, Ont.	June 24, 1903
WYSE, F. C. Engr. & Supt. Sewers & Water Wks., Columbia, S. C.	June 10, 1910
YEREBANCE, W. B. Cons. Engr. & Operator for Pub. Util., 128 Broad- way, New York, N. Y.	June 4, 1912
YORK, EDWARD C. Ch. Engr. Pumping Stn. Water Wks., 3236 Portland Ave., Minneapolis, Minn.	May 9, 1917
YOUNG, A. A. Supt. Water Wks., Jewett City, Conn.	Oct. 23, 1914
YOUNG, C. C. Dir. State Water Survey, Lawrence, Kansas.	Jan. 27, 1914
YOUNG, WILLIAM R. Registrar Water Wks., City Hall, Minneapolis, Minn.	June 8, 1909
ZEHR, VRATISLAV ADOLPH Mech. Engr., P. O. Box 349, Quincy, Ill.	Apr. 20, 1918

CORPORATE MEMBERS

AGUA PURA COMPANY 701 Douglas Ave., East Las Vegas, N. M.	June 8, 1909
ALEXANDRIA WATER CO. Alexandria, Va.	June 8, 1909
AMERICAN WATER WORKS AND ELECTRIC COMPANY, INC. H. Hobart Porter, Prest., 50 Broad St., New York, N. Y.	June 28, 1915
AUBURN WATER DEPARTMENT Auburn, N. Y.	June 10, 1911
BATON ROUGE WATER WORKS COMPANY Baton Rouge, La.	Apr. 16, 1914
BIRMINGHAM WATER COMPANY Derby, Conn.	Oct. 16, 1914
BOARD OF FIRE AND WATER COMMISSIONERS City Hall, Kansas City, Mo.	Dec. 18, 1913
BOARD OF PUBLIC WORKS Water Dept., Court House, Boonville, Mo.	June 28, 1915
BOARD OF WATER COMMISSIONERS John Taylor, Chm., Wildwood, N. J.	June 8, 1916
BOARD OF WATER AND ELECTRIC LIGHT COMMISSIONERS Lansing, Mich.	May 13, 1916
BRANTFORD WATER COMMISSIONERS Brantford, Ont.	June 10, 1911
BUREAU OF SANITARY ENGINEERING State Bd. of Health, Bowling Green, Ky.	April 9, 1913
BUREAU OF WATER Mr. John K. Stauffer, Supt., City Hall, Reading, Pa.	Mch. 1, 1916
BUREAU OF WATER WORKS AND SUPPLY 645 S. Olive St., Los Angeles, Calif.	June 8, 1909
CANTON WATER WORKS Canton, Ill.	Oct. 16, 1914
CEDAR RAPIDS WATER COMMISSIONERS Cedar Rapids, Iowa.	June 24, 1916
CITIZENS LIGHT, HEAT AND POWER COMPANY Tracy, Minn.	Mch. 18, 1918

CITIZENS WATER SUPPLY Co. Elmhurst, Long Island, N. Y.	June 8, 1909
CITY OF AMSTERDAM Dept. Pub. Wks., Amsterdam, N. Y.	June 8, 1909
CITY WATER AND LIGHT COMPANY Sault Ste. Marie, Ont.	June 8, 1909
COFFEYVILLE WATER DEPARTMENT Wm. Helmering, Comnr., Coffeyville, Kans.	June 26, 1918
COLUMBIA WATER AND LIGHT COMPANY Columbia, Tenn.	May 10, 1914
COMMISSIONER OF PUBLIC PROPERTY Newport, Ky.	June 4, 1910
COMMISSIONERS OF PUBLIC WORKS Charleston, S. C.	June 4, 1912
CORNING WATER WORKS Corning, N. Y.	June 24, 1913
DEPARTMENT OF PUBLIC PROPERTY H. M. Oldefest, Comnr., Moline, Ill.	June 28, 1917
DEPARTMENT OF PUBLIC SERVICE Grand Rapids, Mich.	June 24, 1913
DEPARTMENT OF PUBLIC UTILITIES Rm. 302, City Hall, Portland, Ore.	Dec. 17, 1917
DOVER WATER COMMISSIONERS Peter C. Buck, Prest., Dover, Morris Co., N. J.	June 26, 1918
EAGLES MERE WATER COMPANY Eagles Mere, Pa.	Apr. 22, 1914
EAST BAY WATER COMPANY Oakland, Cal.	Mch. 24, 1916
EAST ORANGE BOARD OF WATER COMMISSIONERS East Orange, N. J.	June 8, 1909
ELMIRA WATER BOARD Elmira, N. Y.	Apr. 19, 1915
ERIE COMMISSIONERS WATER WORKS City Hall, Erie, Pa.	June 10, 1911
EVANSVILLE WATER WORKS Evansville, Ind.	June 8, 1909
EXCELSIOR SPRINGS WATER, GAS AND ELECTRIC Co. Excelsior Springs, Mo.	June 4, 1912
GALT WATER COMMISSION Galt, Ontario, Canada.	June 24, 1913

GREATER WINNIPEG WATER DISTRICT Mr. R. D. Waugh, Chm., Winnipeg, Man.	Mch. 28, 1914
HOPKINSVILLE WATER COMPANY Hopkinsville, Ky.	May 9, 1915
LaCROSSE BOARD OF PUBLIC WORKS LaCrosse, Wis.	June 10, 1911
LAKE CHARLES RAILWAY, LIGHT AND WATER WORKS CO. Lake Charles, La.	Apr. 27, 1910
LORAIN WATER WORKS Lorain, Ohio.	Aug. 18, 1916
LOUISVILLE WATER CO. 549 Third St., Louisville, Ky.	June 8, 1909
MAHONING VALLEY WATER COMPANY, THE Jas. J. McNally, Secty. & Treas., Youngs- town, Ohio.	June 8, 1909
MANHASSET-LAKEVILLE WATER DISTRICT Manhasset, N. Y.	Mch. 18, 1918
MARION WATER COMPANY, THE George Whysall, Supt., Marion, Ohio.	Mch. 3, 1917
MEMPHIS ARTESIAN WATER DEPARTMENT Memphis, Tenn.	June 8, 1909
METROPOLITAN BOARD WATER SUPPLY AND SEWAGE Sidney, Australia.	June 8, 1909
METROPOLITAN WATER DISTRICT Omaha, Neb.	June 24, 1916
MICHIGAN STATE BOARD OF HEALTH Lansing, Mich.	July 17, 1917
MILLVILLE WATER COMPANY Millville, N. J.	June 15, 1916
MOBILE CITY COMMISSIONERS Mobile, Ala.	June 10, 1911
MOUNT CARMEL WATER CO. Mount Carmel, Pa.	June 8, 1909
NEW ALBANY WATER WORKS New Albany, Ind.	Apr. 27, 1910
OWEGO WATER WORKS COMPANY Owego, N. Y.	Apr. 22, 1914
PENNICHUCK WATER WORKS 144 Main St., Nashua, N. H.	Oct. 31, 1914
PETERBOROUGH UTILITIES COMMISSION Waterworks Dept., 253 Hunter St., Peterborough, Ont., Can.	June 10, 1911

AMERICAN WATER WORKS ASSOCIATION

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PINE BLUFF COMPANY, THE Minor Q. Woodward, Treasr., Pine Bluff, Ark.	May 12, 1908
PUBLIC SERVICE DEPARTMENT 575 Broadway, Glendale, Cal.	Dec. 30, 1914
PUBLIC UTILITIES COMMISSION London, Canada.	June 8, 1909
RENO POWER, LIGHT AND WATER COMPANY Reno, Nev.	June 24, 1913
ROCKFORD WATER DEPARTMENT Thomas H. Connors, Supt., Rockford, Ill.	May 12, 1916
SAGINAW WATER DEPT. Saginaw, Mich.	June 8, 1909
SAN JOSÉ WATER COMPANY San José, Cal.	June 24, 1913
SCRANTON GAS AND WATER CO. 115 Wyoming Ave., Scranton, Pa.	June 4, 1912
SIDNEY WATER WORKS COMPANY, THE Main St., Sidney, N. Y.	Feb. 24, 1917
SOUTH BEND WATER DEPARTMENT South Bend, Ind.	Apr. 9, 1915
SOUTH EASTON WATER CO. 102 S. 3d St., Easton, Pa.	June 4, 1912
ST. THOMAS WATER COMMISSIONERS St. Thomas, Ont.	June 8, 1909
STOCKTON WATER CO., THE 315 Market St., Camden, N. J.	Jan. 7, 1918
SUFFERN WATER COMMISSIONERS Suffern, N. Y.	June 10, 1911
SUPERINTENDENT WATER DIVISION Rm. 303, City Hall, Spokane, Wash.	June 4, 1912
SWEETWATER WATER CO. National City, Calif.	June 8, 1909
TEMPLE WATER WORKS Temple, Texas.	Apr. 27, 1910
TRAFFORD WATER CO. 201 Westinghouse Bldg., Pittsburgh, Pa.	June 8, 1909
TRENTON WATER WORKS Trenton, N. J.	June 8, 1909
UNITED LAND AND WATER COMPANY Deming, N. Mex.	June 26, 1918

URBAN WATER SUPPLY CO. 60 Wall St., New York, N. Y.	June 4, 1912
VINTON-ROANOKE WATER CO. Francis W. Collins, Cons. Engr., 50 Church St., New York, N. Y.	June 8, 1909
WACO WATER WORKS City Hall, Waco, Texas.	Apr. 27, 1910
WASHINGTON POWER, LIGHT AND WATER COMPANY Anacortes, Wash.	June 8, 1909
WATER AND LIGHT BOARD J. J. Rowan, Supt., 409 McKinley St., Hibbing, Minn.	Apr. 5, 1917
WATER WORKS DEPARTMENT Anaconda Copper Mining Co., Anaconda, Mont.	Apr. 27, 1910
WATERLOO WATER AND LIGHT COMMISSION Waterloo, Ont., Canada.	Apr. 9, 1915
WATERTOWN WATER WORKS Watertown, N. Y.	June 8, 1909
WESTERN NEW YORK WATER COMPANY 704 Elect. Bldg., Buffalo, N. Y.	June 24, 1913
WHITE DEER MOUNTAIN WATER COMPANY 114 S. Front St., Milton, Pa.	May 10, 1914
WHITE PLAINS DEPARTMENT OF PUBLIC WORKS Wm. H. Lyon, Comr. in charge of Water Wks., White Plains, N. Y.	Aug. 18, 1916
WILLIAMSPORT WATER CO. 330 Pine St., Williamsport, Pa.	June 8, 1909

ASSOCIATE MEMBERS

ADDRESSOGRAPH COMPANY 901 W. Van Buren St., Chicago, Ill.	June 10, 1906
ALBERGER PUMP AND CONDENSER COMPANY 140 Cedar St., New York, N. Y.	June 10, 1911
ALLIS-CHALMERS MANUFACTURING COMPANY Milwaukee, Wis.	June 27, 1905
AMERICAN BITUMASTIC ENAMELS COMPANY 17 Battery Pl., New York, N. Y.	June 24, 1913
AMERICAN CAST IRON PIPE COMPANY Birmingham, Ala.	July 18, 1907
AMERICAN CITY 87 Nassau St., New York, N. Y.	June 26, 1918
AMERICAN FOUNDRY AND MANUFACTURING COMPANY 10th, 11th, Hebertt & Wright Sts., St. Louis, Mo.	May 12, 1908
AMERICAN MANGANESE BRONZE COMPANY Holmesburg, Philadelphia, Pa.	May 13, 1916
AMERICAN PIPE AND CONSTRUCTION COMPANY 112 N. Broad St., Philadelphia, Pa.	June 24, 1913
AMERICAN SPIRAL PIPE WORKS F. B. Sanborn, Eastern Sales Mgr., 50 Church St., New York, N. Y.	Aug. 18, 1916
AMERICAN STEEL AND WIRE COMPANY 208 S. LaSalle St., Chicago, Ill.	June 24, 1903
ARNOLD, HOFFMAN AND COMPANY, INC. P.O. Box 762, New York, N. Y.	Dec. 4, 1913
BADGER METER MANUFACTURING COMPANY 261 Third St., Milwaukee, Wis.	June 8, 1904
BALDWIN, ROBERT C. Sec'y & V. P. C. Lee Cook Mfg. Co., Inc., 916-930 S. Eighth St., Louisville, Ky.	May 14, 1914
BERG, J. D. V.-Prest. Dravo Doyle Co., Diamond Bank Bldg., Pittsburgh, Pa.	May 12, 1914
BIRCH-HINTZ MANUFACTURING COMPANY 1100-1110 S. Kilbourn Ave., Chicago, Ill.	May 12, 1914

BOURBON COPPER AND BRASS WORKS COMPANY 618 E. Front St., Cincinnati, Ohio.	Apr. 17, 1884
BOYD AND BROTHER, INCORPORATED, JAMES 25th and Wharton Sts., Philadelphia, Pa.	June 10, 1911
BRISTOL COMPANY, THE Waterbury, Conn.	June 13, 1916
BUFFALO METER COMPANY 2917 Main St., Buffalo, N. Y.	June 27, 1905
BUILDERS' IRON FOUNDRY 9 Codding St., Providence, R. I.	June 18, 1901
CANADIAN ENGINEER, THE Church and Court Sts., Toronto, Ont., Can.	June 26, 1918
CARBIC MANUFACTURING COMPANY West Duluth Stn., Duluth, Minn.	June 1, 1916
CENTRAL BRASS MANUFACTURING COMPANY, THE 6203 Cedar Ave., Cleveland, O.	May 7, 1917
CENTRAL FOUNDRY COMPANY 90 West St., New York, N. Y.	June 24, 1903
CHAPMAN VALVE MANUFACTURING COMPANY Indian Orchard, Mass.	Apr. 16, 1884
CHICAGO BRIDGE AND IRON COMPANY 37 W. Van Buren St., Chicago, Ill.	June 15, 1898
CLARK COMPANY, H. W. 115 S. 17th St., Mattoon, Ill.	May 12, 1908
CLOW AND SONS, J. B. Harrison and Franklin Sts., Chicago, Ill.	Apr. 27, 1885
COLDWELL-WILCOX COMPANY Newburgh, N. Y.	Apr. 16, 1914
COLORADO FUEL AND IRON COMPANY Denver, Colo.	June 7, 1897
COLUMBIAN IRON WORKS Chattanooga, Tenn.	Apr. 27, 1910
COOK, A. D. Mnfr. Deep Well Pumps and Strainers, Lawrence- burg, Ind.	Feb. 17, 1915
DARLING PUMP AND MANUFACTURING COMPANY, THE Williamsport, Pa.	May 12, 1908
DELAVAL STEAM TURBINE CO. H. L. Watson, Sales Mgr., Trenton, N. J.	Nov. 23, 1917
JOSEPH DIXON CRUCIBLE COMPANY Jersey City, N. J.	May 14, 1915

DONALDSON IRON CO. Emaus, Lehigh Co., Pa.	Nov. 23, 1917
DRESSER MANUFACTURING COMPANY, S. R. Mfr. Pipe Couplings and Sleeves, Bradford, Pa.	June 7, 1904
EAST JERSEY PIPE COMPANY, THE 50 Church St., New York, N. Y.	July 10, 1906
EDDY VALVE MANUFACTURING COMPANY Waterford, N. Y.	June 26, 1886
EIMER AND AMEND Third Ave., 18th to 19th Sts., New York, N. Y.	May 13, 1916
ELECTRO BLEACHING GAS COMPANY 18 East 41st St., New York, N. Y.	June 24, 1913
ENGINEERING NEWS-RECORD 10th Ave. at 36th St., New York, N. Y.	June 26, 1918
ENGINEERING AND CONTRACTING 608 S. Dearborn St., Chicago, Ill.	June 26, 1918
FARNAN BRASS WORKS COMPANY, THE 1104 Center St., Cleveland, Ohio.	May 18, 1892
FLOWER-STEPHENS MANUFACTURING COMPANY Detroit, Mich.	June 24, 1913
FORD METER BOX COMPANY Wabash, Ind.	May 12, 1908
FOX AND COMPANY, JOHN 253 Broadway, New York City, N. Y.	June 8, 1909
GAMON METER COMPANY Newark, N. J.	May 14, 1916
GARLOCK PACKING COMPANY Palmyra, N. Y.	May 12, 1908
GENERAL CHEMICAL COMPANY 112 W. Adams St., Chicago, Ill.	June 11, 1902
GILLESPIE, T. A. Prest. T. A. Gillespie Co., 50 Church St., New York, N. Y.	June 7, 1904
GLAMORGAN PIPE AND FOUNDRY COMPANY, THE Lynchburg, Va.	Apr. 27, 1910
GLAUBER BRASS MANUFACTURING COMPANY 4917 Superior Ave., Cleveland, Ohio.	June 7, 1904
GOULD, NORMAN J. Prest. The Goulds Mfg. Co., Seneca Falls, N. Y.	July 10, 1906
HARRISONS INC. 35th St. & Grays Ferry Rd., Philadelphia, Pa.	May 12, 1908

HAYS MANUFACTURING COMPANY Eric, Pa.	Mch. 15, 1882
HERSEY MANUFACTURING COMPANY South Boston, Mass.	July 14, 1887
INTERNATIONAL FILTER COMPANY 38 S. Dearborn St., Chicago, Ill.	May 9, 1915
JARECKI CHEMICAL COMPANY Cincinnati, Ohio.	June 8, 1909
KALBFLEISCH CORPORATION 31 Union Square, W., New York, N. Y.	June 8, 1909
KELLOGG AND COMPANY, E. H. 243 South St., New York, N. Y.	July 14, 1887
KENNEDY VALVE MANUFACTURING COMPANY, THE M. E. Kennedy, Treas., Elmira, N. Y.	May 25, 1895
LAYNE AND BOWLER COMPANY Memphis, Tenn.	June 8, 1916
LEAD LINED IRON PIPE COMPANY, THE Wakefield, Mass.	June 15, 1915
LEADITE COMPANY, INCORPORATED, THE Land Title Bldg., Philadelphia, Pa.	Apr. 27, 1910
LENNIG AND COMPANY, INCORPORATED, CHARLES Bridesburg, Philadelphia, Pa.	June 4, 1912
LINTHICUM, E. E. V.-Prest. Natl. Cast Iron Pipe Co., Birmingham, Ala.	May 17, 1916
LOCK JOINT PIPE COMPANY Box 21, Ampere, N. J.	Oct. 26, 1915
LOCKWOOD, H. S. Sales Agt., Sulphate Dept. Amer. Steel & Wire Co., 30 Church St., New York, N. Y.	May 11, 1917
LUDLOW VALVE MANUFACTURING COMPANY Troy, N. Y.	Mch. 15, 1882
LYNCHBURG FOUNDRY COMPANY Lynchburg, Va.	June 13, 1916
MCBRIDE, THOMAS C. Worthington Pump & Mach. Corp., North Amer. Bldg., Philadelphia, Pa.	Mch. 1, 1916
McGOWAN COMPANY, JOHN H., THE 54-64 Central Ave., Cincinnati, Ohio.	June 24, 1916
McQUISTAN, ANDREW NISBET Ironfounder, Craigward, Busby, near Glasgow, Scotland.	Jan. 12, 1915

MARITIMO COATING CORPORATION Bayard N. Cole, Sales Mgr., 1733 Grand Central Terminal, New York, N. Y.	Feb. 27, 1917
MASSILLON IRON AND STEEL COMPANY, THE Massillon, O.	June 4, 1912
MODERN IRON WORKS Quincy, Ill.	June 27, 1905
MUELLER MANUFACTURING COMPANY, H. Decatur, Ill.	Mch. 15, 1882
MULTIPLEX MANUFACTURING COMPANY Berwick, Pa.	May 11, 1914
MUNICIPAL JOURNAL 21 West 39th St., New York, N. Y.	June 26, 1918
NATIONAL METER COMPANY 299 Broadway, New York, N. Y.	Mch. 15, 1882
NATIONAL WATER MAIN CLEANING COMPANY 50 Church St., New York, N. Y.	July 10, 1906
NEPTUNE METER COMPANY 50 E. 42d St., New York, N. Y.	Aug. 22, 1894
NEW YORK CONTINENTAL JEWELL FILTRATION COMPANY P. O. Box A., Nutley, N. J.	Apr. 18, 1891
NORWOOD ENGINEERING COMPANY Florence, Mass.	May 9, 1915
PACIFIC FLUSH TANK COMPANY 1415 Singer Bldg., New York, N. Y.	June 10, 1911
PARSONS CO., THE Newton, Iowa.	June 26, 1918
PENNSYLVANIA SALT MANUFACTURING COMPANY, THE Widener Bldg., Philadelphia, Pa.	June 24, 1903
PERMUTIT Co., THE 440 Fourth Ave., New York, N. Y.	Apr. 14, 1914
PITOMETER COMPANY, THE 25 Elm St., New York, N. Y.	July 10, 1906
PITTSBURG FILTER MANUFACTURING COMPANY Farmers Bk. Bldg., Pittsburgh, Pa.	June 27, 1905
PITTSBURGH METER COMPANY East Pittsburgh, Pa.	June 15, 1898
PITTSBURGH-DES MOINES STEEL COMPANY Pittsburgh, Pa.	Apr. 24, 1914
PLATT IRON WORKS COMPANY Dayton, Ohio.	June 18, 1901

PORTLAND CEMENT ASSOCIATION 111 W. Washington St., Chicago, Ill.	Oct. 31, 1917
PRATT & CADY COMPANY, INC. Lock Box 66, Stn. A, Hartford, Conn.	June 24, 1913
THE R. U. V. COMPANY 7 Burritt Ave., South Norwalk, Conn.	Feb. 11, 1917
RENSSELAER VALVE COMPANY Troy, N. Y.	May 21, 1890
ROBERTS, CHARLES V. Prest. Roberts Filter Mfg. Co., Darby, Philadelphia, Pa.	Apr. 27, 1910
ROSS VALVE MANUFACTURING COMPANY, INC. Oakwood Avenue, Troy, N. Y.	Apr. 18, 1891
S. E. T. VALVE AND HYDRANT COMPANY 50 Church St., New York, N. Y.	June 4, 1912
SANITARY COMPANY OF AMERICA, THE Linfield, Pa.	May 14, 1914
SANITATION CORPORATION 50 Church St., New York, N. Y.	May 9, 1915
SCHRAM & SON, CHRIS D. 308 N. 4th St., Philadelphia, Pa.	Apr. 3, 1917
SIMPLEX VALVE AND METER COMPANY 625 Wood St., Philadelphia, Pa.	May 12, 1914
SMITH MANUFACTURING COMPANY, ANTHONY P East Orange, N. J.	June 7, 1897
STANDARD ASPHALT AND REFINING Co. 205 La Salle St., Chicago, Ill.	May 12, 1908
STEWARTS AND LLOYDS 41 Oswald St., Glasgow, Scotland.	Feb. 11, 1917
SULLIVAN MACHINERY Co. 122 S. Michigan Ave., Chicago, Ill.	Apr. 23, 1915
TAYLOR COMPANY, W. P. 218 Ellicott Sq., Buffalo, N. Y.	Mch. 15, 1882
THOMSON METER COMPANY 100 Bridge St., Brooklyn, N. Y.	Apr. 15, 1891
UNION WATER METER COMPANY 33 Hermon St., Worcester, Mass.	Mch. 15, 1882
UNITED BRASS MANUFACTURING COMPANY Cleveland, Ohio.	May 11, 1914
UNITED LEAD COMPANY 111 Broadway, New York, N. Y.	May 12, 1908

AMERICAN WATER WORKS ASSOCIATION

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UNITED STATES CAST IRON PIPE AND FOUNDRY COMPANY 1421 Chestnut St., Philadelphia, Pa.	June 11, 1892
UNITED STATES RUBBER CO. 1790 Broadway, New York, N. Y.	May 1 , 1918
WALLACE AND TIERNAN COMPANY 137 Centre St., New York, N. J.	May 9, 1915
WARREN FOUNDRY AND MACHINE COMPANY 11 Broadway, New York, N. Y.	June 10, 1911
WATER WORKS EQUIPMENT COMPANY Rms. 1950-51, 50 Church St., New York, N. Y.	July 10, 1916
WOLFF, S. Dist. Mgr., DeLaval Steam Turb. Co., 629 Peoples Gas Bldg., Chicago, Ill.	Apr. 9, 1915
WOOD AND COMPANY, R. D. 400 Chestnut St., Philadelphia, Pa.	Apr. 16, 1884
WOODS, FLOYD F. Sales Mgr. Epping Carpenter Pump Co., 1376 Mon- tezuma St., Pittsburgh, Pa.	May 14, 1915
WORTHINGTON PUMP AND MACHINERY CORPORATION 115 Broadway, New York, N. Y.	June 18, 1901
WYCKOFF AND SON COMPANY, A. Elmira, N. Y.	July 18, 1907

GEOGRAPHICAL DISTRIBUTION OF MEMBERS

ALABAMA: Active 8; Corporate 1; Associate 2; Total 11

ACTIVE

BIRMINGHAM.....	{ Decker, A. C. Horner, H. H. Kirkpatrick, W. G. Sweet, E. O.	ENSLEY.....Wilcox, W. F. MONTGOMERY.....Hazlehurst, G. H. SELMA.....Jones, J. W. SHEFFIELD.....Johnson, H. B.
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CORPORATE

MOBILE.. Mobile City Commissioners

ASSOCIATE

BIRMINGHAM { American Cast Iron Pipe Co.
 Linthicum. E. E

ARIZONA: Active 4; Total 4

ACTIVE

AJO.....DuMoulin, W. L.
 BISBEE.....Shepard, J. A.
 FLAGSTAFF.....Giclas, E.
 WINKELMAN.....Grasty, E. C.

ARKANSAS: Corporate 1; Total 1

CORPORATE

PINE BLUFF.....Pine Bluff Co., The

CALIFORNIA: Active 28; Corporate 5; Honorary 1; Total 34

ACTIVE

BERKELEY.....	{ Bachman, F. Doman, J. Gillespie, C. G. Goudey, R. Hyde, C. G. Klaus, F. J.	PASADENA.....Allin, T. D. SAN DIEGO.....Ervast, A. Dockweiler, J. H. Elliott, G. A. Flaa, I. E. Hunter, T. B.
HANFORD.....	Isaacs, F. N. Dessery, F. C. Finkle, F. C.	SAN FRANCISCO { Mohrhardt E. F. O'Shaughnessy, M. M.
LOS ANGELES...	Hilscher, R. Lee, C. H. Sonderegger, A. L.	Pracy, G. W. Rice, P. D. Shibley, K.
OAKLAND.....	{ Gilman, C. E. Wilhelm, G.	SAN JOSÉ.....Relph, O. S.
PACIFIC GROVE.....	Olmstead, C. S.	STOCKTON.....Hall, J. W.

CORPORATE

GLENDALE...Public Service Department
 LOS ANGELES...Bureau of Water Supply
 NATIONAL CITY...Sweetwater Water Co.
 OAKLAND.....East Bay Water Co.
 SAN JOSÉ.....San José Water Co.

HONORARY

BERKELEY.....LeConte, L. J.

COLORADO: Active 8; Associate 1; Total 9

ACTIVE

BRUSH.....Leerskov, A. D.	DENVER.....	{ Robinson, W. P.
COLORADO SPRINGS,		{ Thomas, D. G.
McReynolds, B. B.	LEADVILLE.....	West, W. G.
DENVER.....Catchpole, C. T.	PUEBLO.....	{ Porter, D. P.
		{ Stone, E. W.

ASSOCIATE

DENVER...Colorado Fuel & Iron Co.

CONNECTICUT: Active 21; Corporate 1; Associate 3; Honorary 1; Total 26

ACTIVE

ANSONIA.....Davis, F. J.	NEW HAVEN....	{ Hill, A. B.
BRIDGEPORT.....{ Senior, S. P.		{ Mickle, F. L.
Smith, G. Z.		{ Minor, E. E.
GREENWICH.....Willson, W. J.		{ Winslow, C.-E. A.
Berry, F. D.	ROWAYTON.....	Case, R. E.
Hinkley, R. L.	SOUTHINGTON.....	McKenzie, S. H.
Howard, F. E.	STAMFORD.....	Hatch, E. L.
HARTFORD.....{ Newlands, J. A.	THOMPSONVILLE.....	Schwabe, W. P.
Peck, E. M.	TORRINGTON.....	Travis, F. M.
Saville, C. M.	WATERBURY.....	McDonald, C. E.
JEWETT CITY.....Young, A. A.		

CORPORATE

DERBY.....Birmingham Water Co.

ASSOCIATE

HARTFORD...Pratt & Cady Co. Inc.
 SOUTH NORWALK.....R. U. V. Co.
 WATERBURY.....Bristol Co., The

HONORARY

NEW HAVENHolly, I. A.

DELAWARE: Active 6; Total 6

ACTIVE

WILMINGTON....{ Alexander, M.	WILMINGTON....	{ Hoopes, E. M.
Coxe, W. G.		{ van Trump, S. N.
Hilles, T. A.		{ Wilson, H.

DISTRICT OF COLUMBIA: Active 8; Total 8

ACTIVE

WASHINGTON.....	{ Doten, L. S. Gaub, John Hardy, E. D. Howell, D. J.	WASHINGTON ...	{ Phelps, E. B. Rhynus, C. P. Stevens, H. Streeter, H. W.
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FLORIDA: Active 8; Total 8

ACTIVE

DAYTONA.....	Main, G. A.	MIAMI.....	Hyman, H. H.
JACKSONVILLE.....	{ Harrub, C. N. Murphy, L. E. Smoot, L. D.	ORLANDO.....	Cheney, J. Y.
		ST. PETERSBURG.....	Warner, G. H.
		TAMPA.....	McFarland, C. R.

GEORGIA: Active 13; Total 13

ACTIVE

ATLANTA.....	{ Clayton, R. M. Hazelhurst, J. N. Rapp, W. M. Smith, W. Z. Solomon, G. R. Werner, R. C.	COLUMBUS.....	Chipley, D.
		COMMERCE.....	Caston, D. L.
		JACKSON.....	Merck, W. E.
		LA GRANGE.....	Sargent, G. H.
		MACON.....	Williamson, C. T.
AUGUSTA.....	Wingfield, N.	SAVANNAH.....	Conant, E. R.

IDAHO: Active 2; Total 2

ACTIVE

IDAHO FALLS.....	Wilson, J. H.
LEWISTON.....	Wagner, E. G.

ILLINOIS: Active 103; Corporate 3; Associate 15; Total 121

ACTIVE

ALTON.....	{ Miller, J. A. Parker, C. T.	CHICAGO.....	{ Gerber, W. D. Green, P. E. Hadden, S. C. Hecht, J. L. Howson, L. R. Jennings, C. A. Jordon, E. O. Keeler, H. E. Knowles, C. R. Lucas, H. L. McClenahan, W. T. Maury, D. H. Maxwell, D. H. Mory, A. V. H. Nichols, A. E. Pearse, L. Phillips, T. C. Shaw, W. A. Shields, W. S. Townsend, E. R. Webster, E. R.
AURORA.....	{ Barclay, W. E. Leaf, C. E. Miller, C.		
BEARDSTOWN.....	{ Aldrich, A. C. Angier, E. E.		
BLOOMINGTON.....	Brown, C. C.		
CAIRO.....	Roos, C. M.		
CARLINVILLE.....	Castle, G. J.		
CHAMPAGNE.....	Amsbary, F. C.		
CHICAGO.....	{ Alvord, J. W. Bauereisen, R. J. Bemis, E. W. Burdick, C. B. Converse, W. A. Davidson, G. M. DeBerard, W. W. Ellis, G. R. Ericson, J. E. French, D. K.		

DALLAS CITY.....	Zehr, V. A.	PEORIA.....	{ Morgan, H. B.
DANVILLE.....	{ Ely, H. M.	QUINCY.....	{ Ringness, H.
	{ Symons, M. M.		{ Gelston, W. R.
DECATUR.....	{ Lee, H. R.	ROCK ISLAND.....	{ Etzel, G. C.
	{ Pownall, W. A.	SHELBYVILLE.....	{ Murrin, J. A.
EAST ST. LOUIS...	{ Dutton, M. S.		{ Chester, C. E.
	{ Horner, C. M.		{ Bennett, C. G.
EFFINGHAM.....	Anderson, W. F.		{ Drake, C. St. C.
ELGIN.....	Kohn, C. L.	SPRINGFIELD.....	{ Hansen, P.
ELMHURST.....	Sturges, L.		{ Reid, W.
EVANSTON.....	{ Brower, I. C.		{ Sjoblom, M. C.
	{ Wadsworth, G. A.		{ Spaulding, W. J.
FAIRBURY.....	Burns, T. W.	STREATOR.....	{ Huggans, D. E.
FREEMPORT.....	Smith, O. T.		{ Huggans, R. D.
FULTON.....	O'Rourke, J.	TAYLORVILLE.....	{ Dappert, J. W.
JACKSONVILLE.....	Vasconcellos, J.		{ Bartow, E.
JOLIET.....	O'Callahan, C. D.		{ Bennett, A. N.
KANKAKEE.....	Cobb, C. H.		{ Enger, M. L.
LAKE FOREST.....	Trow, L. C.		{ Ferguson, H. F.
LINCOLN.....	MacDonald, E.		{ Fleming, V. R.
	{ Clark, H. W.	URBANA.....	{ Habermeyer, G. C.
MATTOON.....	{ James, C. L.		{ Hatfield, W. D.
	{ Rue, J. A.		{ Newell, F. H.
	{ Fritze, L. A.		{ Parr, S. W.
MOLINE.....	{ Mellen, A. F.		{ Schnellbach, J. F.
MT. CARMEL.....	Barnard, P.		{ Talbot, A. N.
MT. VERNON.....	Brandli, H. E.		{ Tanner, F. W.
OAK PARK.....	Matte, H. P. T.	WAUKEGAN.....	Allen, W. J.
PANA.....	Stanfield, A. C.	WINNETKA.....	Greeley, S. A.
PEKIN.....	Lautz, W. E.		
	{ Crozier, R.		
PEORIA.....	{ Harman, J. A.		

CORPORATE

CANTON.....Canton Water Works.
 MOLINE....Dept. of Public Property.
 ROCKFORD....Rockford Water Dept.

ASSOCIATE

CHICAGO.....{ Addressograph Co.
 { Amer. Steel & Wire Co..
 { Birch-Hints Mfg. Co.
 { Chicago Bridge & Iron Co.
 { Clow & Sons, J. B.
 { Engineering & Contracting
 { General Chemical Co.
 { International Filter Co.
 { Portland Cement Association
 { Standard Asphalt and Refining Co.
 { Sullivan Mch'y. Co.
 { Wolff, S.

DECATUR.....Mueller Mfg. Co., H.
 MATTOON.....Clark Co., H. W.
 QUINCY.....Modern Iron Works

INDIANA: Active 19; Corporate 3; Associate 2; Total 24

ACTIVE

GARY.....	{ Engle, S. G. Luscombe, W.	SEYMOUR.....	Peter, W. F.
	Brossman, C.	SOUTH BEND.....	{ Ayres, T. H. Luther, J. N.
INDIANAPOLIS.....	{ Garman, H. O. Jordan, F. C.		Toyne, J. W.
	Kirk, C. L.	TERRE HAUTE.....	{ Gwinn, D. R. Taylor, W. E.
LAFAYETTE.....	Miller, M. N.	VALPARAISO.....	Loomis, E. L.
LA PORTE.....	Harding, J. H.	WABASH.....	Klare, R. W.
MUNCIE.....	Wells, J. N.	WASHINGTON.....	Semans, C. R.
RICHMOND.....	Dill, H. A.		

CORPORATE

EVANSVILLE....Evansville Water Works
 NEW ALBANY...New Albany Water Works
 SOUTH BEND...South Bend Water Dept.

ASSOCIATE

LAWRENCEBURG.....Cook Mfg. Co., A. D.
 WABASH.....Ford Meter Box Co.

IOWA: Active 42; Corporate 1; Associate. 1. Total 44

ACTIVE

AMES.....	Nichols, C. S.	DES MOINES.....	{ Maffitt, D. L. Sumner, G. H.
BOONE.....	McCormick, R.	DUBUQUE.....	Schwinn, P.
BURLINGTON.....	Lawlor, F. D. H.	FT. DODGE.....	Pray, J. W.
CARROLL.....	Beiter, G. C.	FT. MADISON.....	Kern, P.
CEDAR FALLS.....	Streeter, C. H.		{ Dunlap, J. H. Hinman, J. J., Hostetler, W. A.
CLINTON.....	{ Chase, C. P. Coppock, W.	IOWA CITY.....	{ Gray, P. Judd, W. A.
	Etnyre, S. L.	JEFFERSON.....	
COUNCIL BLUFFS....	{ Jensen, J. C. Thornell, J. B.	MASON CITY.....	
	Wallace, R. B.	MISSOURI VALLEY	Clinkenbeard, J. F.
CRESTON.....	Croxen, C. A.	MT. PLEASANT.....	McMillan, T. W.
DAVENPORT.....	{ Donahue, J. P. Henderson, C. R.	MUSCATINE.....	Molis, W.
	Hooper, T. N.	OSKALOOSA.....	Hawkins, H. C.
	{ Denman, C. S. Evinger, M. I.	OTTUMWA.....	Brown, H. A.
DES MOINES....	{ Higgins, L. Kastberg, K. C.	SIoux CITY.....	{ Carlin, P. Gaynor, K. C. Lewis, J. M.
	Kinnaird, R. N.		
	Kirkpatrick, E. T.	WATERLOO.....	{ Berry, J. P. Shoemaker, G. E.
		WAUKON.....	Cowan, J. D.

CORPORATE

CEDAR RAPIDS.....Cedar Rapids Water Commissioners

ASSOCIATE

NEWTON.....Parsons Co., The

GEOGRAPHICAL DISTRIBUTION OF MEMBERSHIP

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KANSAS: Active 11; Corporate, 1; Total 12

ACTIVE

ATCHISON.....	Chisham, J. M.	LAWRENCE.....	{ Young, C. C.
CHANUTE.....	Pratt, C.		{ Welker, J. E.
EMPORIA.....	Smith, A. J.	MANHATTAN.....	Conrad, L. E.
KANSAS CITY.....	Chapman, L. H.	TOPEKA.....	Shaw, J.
LAWRENCE.....	{ Haskins, C. A.	WELLINGTON.....	Mavity, J. W.
	{ Veatch, F. M.		

CORPORATE

COFFEVILLE. Coffeyville Water Dept.

KENTUCKY: Active 17; Corporate 4; Associate 1; Total 22

ACTIVE

ASHLAND.....	Patton, W. S.	LOUISVILLE.....	{ Potter, C. S.
CATLETTSBURG.....	Patton, W. A.		{ Stover, F. H.
DANVILLE.....	Woolfolk, H. E.		{ Wilson, J. B.
HENDERSON.....	Sieber, W.	MIDDLESBOROUGH..	McGiboney, J. H.
LEBANON.....	Rains, J. M.	NEWPORT.....	Hornung, G.
LEXINGTON.....	Cramer, W. S.	OWENSBORO.....	Breidenbach, E. H.
	{ Long, G. J.	PADUCAH.....	Burnett, M.
LOUISVILLE.....	{ Lovejoy, W. H.	WINCHESTER.....	Attersall, C. F.
	{ McGonigale, W. J.		

CORPORATE

BOWLING GREEN.... Bureau of Sanitary Engineering
 HOPKINSVILLE.... Hopkinsville Water Co.
 LOUISVILLE..... Louisville Water Co.
 NEWPORT..... Commissioners of Public Property

ASSOCIATE

LOUISVILLE.... Cook Manufacturing Company, C. Lee, Inc.

LOUISIANA: Active 8; Corporate 2; Total 10

ACTIVE

LAKE CHARLES.....	Landry, J. A.	NEW ORLEANS..	{ Levy, A. G.
	{ Earl, G. G.		{ Middlemiss, G. A.
NEW ORLEANS....	{ Eastwood, J. T.	SHREVEPORT.....	{ Kahn, L. I.
	{ Fowler, E. A.		{ Amiss, T. L.

CORPORATE

BATON ROUGE..... Baton Rouge Water Works Co.
 LAKE CHARLES... Lake Charles Railway, Light and Water Works Co.

MAINE: Active 18; Total 18

ACTIVE

BANGOR.....	{ Brown, W. I.	PORTLAND.....	{ Thorne, M.
	{ Powell, A. C.		{ West, G. F.
BIDDEFORD.....	Burnie, A. N.		{ West, V. F.
BRUNSWICK.....	Bowker, C. L.		{ Boutelle, G. K.
FAIRFIELD.....	{ Connor, V. R.	WATERVILLE.....	{ Cook, H. J.
	{ Nye, W. W.		{ Hall, A. S.
	{ Graham, J. W.		{ Thayer, F. C.
PORTLAND.....	{ Newhall, W. G.		{ Wardwell, E. C.
	{ Payson, E. R.		{ Warren, C. E.

MARYLAND: Active 16; Total 16

ACTIVE

BALTIMORE.....	Adams, H.	BALTIMORE.....	Quick, A. M.
	Armstrong, J. W.		Siems, V. B.
	Baylis, J. R.		Walden, A. E.
	Clemmitt, R. L.		Wehr, A. H.
	Hall, H. R.		Whitman, E. B.
	Jones, G. R.		Wolman, A.
	Morse, R. B.	CUMBERLAND.....	Fowler, A. G.
	Powell, S. T.	HAGERSTOWN.....	Heard, A.

MASSACHUSETTS: Active 37; Associate 5; Total 42

ACTIVE

ATTLEBORO.....	Snell, G. H.	FLORENCE.....	Ryan, W. G.
	Barbour, F. A.		Gear, P.
	Foss, W. E.		Tighe, J. L.
BOSTON.....	French, E. V.	LOWELL.....	Thomas, R. J.
	Fuller, F. L.	MILLBURY.....	Mallalieu, W. C.
	Killam, S. E.	NATICK.....	Adams, A. D.
	Metcalfe, L.	NEW BEDFORD.....	Coggeshall, R. C. P.
	Miller, H. A.	NORTH ANDOVER.....	Bixby, M.
	Sherman, C. W.	NORTH ATTLEBORO.....	Plattner, W.
	Spiller, H. C.	OXFORD.....	Wright, J. B.
	Tilden, J. A.	READING.....	Bancroft, L. M.
	Weston, R. S.	SOUTHBRIDGE.....	Abbott, G. H.
	Wheeler, W.	SPRINGFIELD.....	Lochridge, E. E.
BROCKTON.....	Woodburn, W. F.	WELLESLEY.....	Hersey, F. C.
BROOKLINE.....	Kingman, H.	WEST SOMERVILLE.....	Babbitt, H. E.
	Hale, R. K.		Lacount, H. O.
CAMBRIDGE.....	Whipple, G. C.	WILLIAMSTOWN.....	Mears, B.
CONCORD.....	Robinson, L. C.	WORCESTER.....	Batchelder, G. W.
DORCHESTER.....	McInnes, F. A.		

ASSOCIATE

FLORENCE.....	Norwood Engineering Co.
INDIAN ORCHARD.....	Chapman Valve Mfg. Co.
SOUTH BOSTON.....	Hersey Mfg. Co.
WAKEFIELD.....	Lead Lined Iron Pipe Co.
WORCESTER.....	Union Water Meter Co.

MICHIGAN: Active 27; Corporate 4; Associate 1; Total 32

ACTIVE

ANN ARBOR.....	Ayres, L. E.	GRAND RAPIDS...	Cummin, G. C.
	Hoad, W. C.		Fitzpatrick, J. R.
	Williams, G. S.		Sperry, W. A.
BAY CITY.....	Dawson, R. C.	HIGHLAND PARK.....	Patterson, W. G.
BESSEMER.....	Holley, C. R.		Whitsit, L. C.
CADILLAC.....	Westover, G. D.	IRON MOUNTAIN.....	Croll, E. A.
DETROIT.....	Clancy, L. J.	JACKSON.....	England, R. G.
	Earl, R.	LUDDINGTON.....	Williams, H. L.
	Hubbell, C. W.	MANISTEE.....	Collins, F. W.
	Leisen, T. A.	MARQUETTE.....	Johnson, W. J.
	Mayo, W. B.	MT. CLEMENS.....	Keils, A.
ESCANABA.....	Hatton, W. J.	MUNROE.....	Sterling, J. C.
FLINT.....	Baldwin, F. N.	SAGINAW.....	Eymer, H. H.
	Buzzell, R. S.		

CORPORATE

GRAND RAPIDS.....Department of Public Service
 LANSING. { Board of Water and Electric Light Commissioners
 { Michigan State Board of Health
 SAGINAW.....Saginaw Water Department

ASSOCIATE

DETROIT.....Flower-Stephens Mfg. Co.

MINNESOTA: Active 34; Corporate 2; Associate 1; Honorary 1; Total 38

ACTIVE

AUSTIN.....	Todd, W.		
CHISHOLM.....	Sullivan, C. J.		
CROOKSTON.....	Peterson, E.		
	{ Kelly, E. W.	MINNEAPOLIS.....	{ Jensen, J. A.
DULUTH.....	{ Reed, D. A.		{ Johnson, E. W.
	{ Wilson, John		{ Jones, W. N.
EVELETH.....	Dorway, C. M.		{ Newell, C. W.
FERGUS FALLS.....	Leach, W. J.		{ Van Deusen, W. P.
LITTLE FALLS.....	Gordon, T. C.		{ Whittaker, H. A.
MANKATO.....	Blomquist, H. F.	ROCHESTER.....	{ York, E. C.
	{ Bass, F. H.	ST. CLOUD.....	{ Young, W. R.
	{ Bernhagen, L. O.		{ Holmes, M. G.
	{ Birdsall, L. I.		{ Seibert, J.
MINNEAPOLIS.....	{ Calkins, W. N.	ST. PAUL.....	{ Childs, J. A.
	{ Cappelen, F. W.		{ Farnsworth, S. A.
	{ Colehour, R. A.		{ Flanagan, J. C.
	{ Duncanson, A. V.	VIRGINIA.....	{ Goss, M. N.
			{ House, G. O.
			{ Keller, O. E.
			{ Harding, C. T.

CORPORATE

WABING..Water and Light Board
 TRACY.....Citizens Light, Heat and Power Co.

ASSOCIATE

DULUTH... Carbic Manufacturing Co.

HONORARY

ST. PAUL.....Bement, R. C. B.

MISSISSIPPI: Active 6; Total 6

ACTIVE

CANTON.....	Sharp, J. T.	SENATOBIA.....	Johnson, H. E.
HATTIESBURG..	Jones, B.	VICKSBURG.....	Steele, J. A. Jr.
MERIDIAN.....	Worrell, M. L.	YAZOO CITY.....	Butler, J. S.

MISSOURI: Active 29; Corporate 3; Associate 1; Honorary 1; Total 34

ACTIVE

HANNIBAL.....	Freiling, H. J.				Coult, F. H.
INDEPENDENCE.....	Gallagher, H. A.				Cutts, F. T.
JEFFERSON City.	{ Flad, E.				Day, L. A.
	{ Landmann, L. B.				Daily, C. M.
KANSAS CITY....	{ Anderson, J. F.				Fuller, W. A.
	{ Archer, E. T.				Graf, A. V.
	{ Bardwell, R. C.				Henby, W. H.
	{ Black, E. B.		St. LOUIS.....		Hollman, E. E.
	{ Burns, C. S.				Montfort, W. F.
	{ McDonnell, R. E.				Nolte, A. G.
	{ Veatch, N. T.				Phillips, C. F.
SEDALIA.....	Andrews, L. P.				Phillips, H.
SPRINGFIELD.....	Pate, R. L.				Wall, E. E.
St. LOUIS.....	{ Allison, J. E.				Wilcox, F. L.
	{ Black, G. G.				

CORPORATE

BOONVILLE..... Board of Public Works.
 EXCELSIOR SPRINGS.. Excelsior Springs Water Gas and Electricity Co
 KANSAS CITY..... Board of Fire and Water Commissioners.

ASSOCIATE

St. LOUIS..... American Foundry & Manufacturing Co.

HONORARY

St. LOUIS..... Holman, M. L.

MONTANA: Active 4; Corporate 1; Total 5

ACTIVE

BILLINGS.....	Willett, J. F.	BUTTE.....	Carroll, E.
BOZEMAN.....	Cobleigh, W. M.	MILES CITY.....	Pruett, G. C.

CORPORATE

ANACONDA..... Anaconda Copper Mining Co.

NEBRASKA: Active 6; Corporate 1; Total 7

ACTIVE

FLORENCE.....	Jacobson, A.	OMAHA	{ Barr, W. M.
LINCOLN.....	Letton, H. P.		{ Jensen, M. A.
			{ Larmon, F. P.
			{ Prince, G. T.

CORPORATE

OMAHA..... Metropolitan Water District.

NEVADA: Active 2; Corporate 1; Total 3

ACTIVE

GOLDFIELD.....	Patrick, C. G.	RENO.....	Campbell, G. A.
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CORPORATE

RENO..... Reno Power, Light & Water Co.

NEW HAMPSHIRE: Corporate 1; Total 1

CORPORATE

NASHUA....Pennichuck Water Works

NEW JERSEY: Active 65; Corporate 6; Associate 6; Total 77

ACTIVE

ATLANTIC CITY.....	{ Decker, J. H. Van Gilder, L.	NEW MILFORD.....	Spalding, G. R.
BOONTON.....	Breitzke, C. F.		Denman, A. R.
BOUND BROOK.....	{ Downes, J. R. Smith, A. H.	NEWARK.....	{ Rosentretter, H. Sanzenbacher, G.
BRIDGETON.....	Fredrick, W. D.		{ Scholz, R. O. Sherrerd, M. R.
BURLINGTON.....	{ Conard, W. R. Probasco, S. R.	NUTLEY.....	{ Milligan, R. E. Pratt, G. H.
CAMDEN.....	{ Fithian, F. S. Jones, W. C.	PASSAIC.....	{ Hopper, W. C. Cook, J. H.
	{ Long, J. H.	PATERSON.....	{ Cuddeback, A. W. Edwards, W. R.
COLLINGSWOOD.....	Borden, M. M.		
EAST ORANGE.....	{ Halpin, T. F. Reimer, A. A.	PERTH AMBOY.....	{ Grieve, T. Mason, S. J.
ELIZABETH.....	{ Booth, L. M. Townley, D. H.	PHILLIPSBURG.....	Corr, A. S.
GLEN RIDGE.....	Brooks, J. E.	PLAINFIELD.....	Gavett, W.
HADDONFIELD.....	Smith, E. H.	PLEASANTVILLE.....	Herr, J. O.
HOBOKEN.....	Anderson, R. M.	PRINCETON.....	Eldridge, H. D.
JAMESBURG.....	Foersterling, H.	RAHWAY.....	Simonds, F. W.
	{ Corbin, C. K. Fischer, C. H.	RIVERTON.....	Buck, W. H.
JERSEY CITY.....	{ Griffin, J. W. Henry, E. W.	ROSELLE PARK.....	{ Crane, A. M. Bassett, C. P.
	{ LaTourrette, F. McLaughlin, G. E.	SUMMIT.....	{ Green, F. Kimball, F. C.
LEONIA.....	Buswell, A. M.		{ McMane, W. I.
LITTLE FALLS.....	Green, F. W.	TRENTON.....	Daggett, F. W.
MERCHANTVILLE.....	Rudderow, M. B.	UPPER MONTCLAIR.....	Goodell, J. M.
MOORESTOWN.....	Bishop, W.	VINELAND.....	Powers, J.
MORRISTOWN.....	Pitney, F. V.	WEEHAWKEN.....	{ French, D. W. Miller, E. E.
NEW BRUNSWICK.....	{ Jones, A. J. Morris, C. H.	WOODBIDGE.....	{ Parker, C. B. Mundy, A.

CORPORATE

CAMDEN.....	Stockton Water Co., The
DOVER.....	Dover Water Comnrs.
EAST ORANGE.....	Board of Water Commissioners.
MILLVILLE.....	Millville Water Company.
TRENTON.....	Trenton Water Works.
WILDWOOD.....	Board of Water Commissioners.

ASSOCIATE

AMPERE.....	Lock Joint Pipe Co.
EAST ORANGE.....	Smith Mfg. Co., A. P.
JERSEY CITY.....	Dixon Crucible Co.
NEWARK.....	Gamon Meter Co.
NUTLEY.....	N. Y. Cont. Jewell Filt. Co.
TRENTON.....	DeLaval Steam Turbine Co.

NEW MEXICO: Corporate 2; Total 2

CORPORATE

DEMING United Land & Water Co.

EAST LAS VEGAS Agua Pura Co.

NEW YORK: Active 181; Corporate 14; Associate 43; Total 238

ACTIVE

ALBANY	{	Greenalch, W.	Andrews, R. E.
		Horton, R. E.	Applebaum, S. B.
		Horton, T.	Baker, M. N.
		Schwartz, F. W.	Baldwin, H. deF.
		Sherman, R. W.	Barnes, T. H.
		Suter, R.	Beyer, A. H.
AMSTERDAM		Dwyer, C.	Biggs, G. W.,
AUBURN		Ackerman, J. W.	Blossom, F.
AVON		Clark, W. H.	Bogart, J.
BAY SHORE (L. I.)		Sands, C. G.	Bowles, J. T. B.
BELLMORE (L. I.)	{	Bowne, W. E.	Brightman, H. I.
		Johnson, P.	Brown, R. H.
BROCKPORT		Ross, C. H.	Brush, W. W.
		Aeryns, A. N.	Bull, I. C.
		Hale, F. E.	Buttennheim, H. S.
BROOKLYN		Hendrick, W. M.	Calvo, A. R.
		Lott, E. H.	Cleverdon, W. S. L.
		Metcalfe, J. T.	Cole, E. S.
		Andrews, G. C.	Corbin, H. K.
		Bassett, G. B.	Coulter, W. S.
BUFFALO		Huy, H. F.	Dennett, R. C.
		Spire, L. S.	deVarona, I. M.
		Wagner, H. F.	Diven, J. M., Jr.
CAMP UPTON		Armstrong, R. W.	Donaldson, W.
CEDARHURST		Lord, F. B.	Donnelly, R. J.
CORNING		Drake, W. O.	Drew, J. A.
CORTLAND		Ott, E. W.	Duggan, T. R.
DOUGLASTON		Brooks, J. N.	Dunham, H. F.
EAST ROCHESTER		Babcock, G. H.	Everett, C. M.
ELMHURST (L. I.)		Budelman, G. A.	Ferguson, S. F.
ELMIRA		Jones, H. F.	Flinn, A. D.
ENDICOTT		Waterman, F. L.	Folwell, A. P.
		Bettes, C. R.	Fuertes, J. H.
FAR ROCKAWAY		Durland, S. N.	Fuller, G. W.
		Stearns, H. P.	Goldsmith, C.
GENESEO		Meeker, G. R.	Gould, J. W. DuB.
		Orr, A.	Gregory, J. H.
GLOVERSVILLE		Vrooman, M.	Griswold, F. M.
HERKIMER		Sluyter, E. W.	Gubelman, F. J.
HUDSON		Longley, F. J.	Hammer, E. W.
HUNTINGTON		Irwin, T. E.	Hansen, A. E.
ITHACA		Chamot, E. M.	Hazen, A.
JAMESTOWN		Hapgood, L. P.	Hering, R.
KINGSTON		Harrison, J. H.	Hill, N. S., Jr.
LONG BEACH		Carstein, L. W. F.	Hoagland, I. G.
LONG ISLAND CITY		Bleistein, B. J.	Hodgman, B. B.
MERRICK		Spear, W. E.	Hoffmaster, G. E.
MT. KISCO		Sawin, L. R.	Hone, F. deP.
		Tolles, F. C.	Hulett, M.
MT. VERNON		Wolbert, H. E.	Jackson, D. D.
		Kemble, F. T.	Johnson, G. A.
NEW ROCHELLE			Kienle, J. A.

NEW YORK

NEW YORK	Kilpatrick, J. D.	NEWBURGH	Gilchrist, C. B.
	Klingberg, W.	NORWICH	Ames, C. F.
	Knox, S. K.	OGDENSBURG	Lord, C. H.
	Kriegsheim, H.	OSSINING	Bedell, J.
	Ledden, E. M.	POUGHKEEPSIE	Sylvester, E. W.
	Lobo, C.	PURDY STATION	Culyer, T. C.
	Longley, F. F.		Amos, J. F.
	McCarthy, D. B.		Bliven, G. H.
	McClintock, J. R.		Cripps, G. E.
	McKim, R. A.	ROCHESTER	Dewey, A. H.
	Machen, H. B.		Fisher, E. A.
	Manahan, E. G.		Hopkins, C. C.
	Nelson, F. B.		Little, B. C.
	O'Meara, R. J.		
	Orchard, W. J.	ROME	Armstrong, R.
	Pirnie, M.	STAPLETON	Volkhardt, W.
	Potter, A.		Booth, W. M.
	Potts, C.		Daw, L.
	Provost, A. J.	SYRACUSE	Hodgkins, H. C.
	Purdy, J. H.		Windholz, C. A.
	Rector, F. L.		
	Rider, J. B.	TARRYTOWN	Ruge, B. A.
	Rodman, G. E.		Caird, J. M.
	Shepperd, F. W.		Caldwell, J. H.
	Smith, J. W.		Clifton, C. E.
	Smith, M. H.	TROY	Diven, J. M.
	Stevens, H. C.		Egloff, J. H.
	Taber, G. A.		Knickerbacker, J.
	Taylor, H. W.		Mason, W. P.
	Toal, D. C.	TUPPER LAKE	Bruce, T. E.
	Tribus, L. L.		Beck, F. E.
	Tuttle, A. S.		Carr, J. A.
	Vermeule, C.	UTICA	Reagan, J. F.
	Wagner, B. M.		Sherman, R. U.
	Walradt, A. E.		
	Wells, G. M.	WATERFORD	Curran, H. C.
	Wigley, C. G.	WATERVLIET	Halpin, G. R.
	Wilson, E. K.	WOODHAVEN	Luce, F. H.
	Wyckoff, C. R.		Fulton, D. F.
	Yereance, W. B.	YONKERS	Wegman, E.
NEWARK	Scarth, S.		

CORPORATE

AMSTERDAM	Department Public Works
AUBURN	Auburn Water Dept.
BUFFALO	Western New York Water Co.
CORNING	Corning Water Works.
ELMHURST	Citizens Water Supply Co.
ELMIRA	Elmira Water Board
MANHASSET	Manhasset-Lakeville Water Dist.
NEW YORK	{ American Water Works & Elect. Co.
	{ Urban Water Supply Co.
OWEGO	Owego Water Works Co.
SIDNEY	Sidney Water Works Co.
SUFFERN	Suffern Water Commissioners
WATERTOWN	Watertown Water Works
WHITE PLAINS	Department Public Works

ASSOCIATE

BROOKLYN.....	Thomson Meter Co.
BUFFALO.....	{ Buffalo Meter Co.
	{ Taylor Co., W. P.
ELMIRA.....	{ Kennedy Valve Mfg. Co., The
	{ Wyckoff & Sons Co., A.
	{ Alberger Pump Co.
	{ American Bitumastic Enamels Co.
	{ American City
	{ American Spiral Pipe Works
	{ Arnold, Hoffman & Co.
	{ Central Foundry Co.
	{ East Jersey Pipe Co., The
	{ Electro Bleaching Gas Co.
	{ Eimer & Amend
	{ Engineering News-Record
	{ Fox & Co., John
	{ Gillespie, T. A.
	{ Kalbfleisch Corporation
	{ Kellogg & Co., E. H.
	{ Lockwood, H. S.
NEW YORK ..	{ Maritimo Coating Corp.
	{ Municipal Journal
	{ National Meter Co.
	{ National Water Main Cleaning Co.
	{ Neptune Meter Co.
	{ Pacific Flush Tank Co.
	{ Permutit Co., The
	{ Pitometer Co., The
	{ Sanitation Corporation
	{ S. E. T. Valve & Hydrant Co.
	{ United Lead Co.
	{ United States Rubber Co.
	{ Wallace & Tiernan Co.
	{ Warren Foundry & Machine Co.
	{ Water Works Equipment Co.
	{ Worthington Pump & Machinery Co.
NEWBURGH.....	Coldwell-Wilcox Co.
PALMYRA.....	Garlock Packing Co.
SENECA FALLS ..	Gould, Norman J.
TROY.....	{ Ludlow Valve Mfg. Co.
	{ Rensselaer Valve Co.
	{ Ross Valve Mfg. Co., Inc.
WATERFORD.....	Eddy Valve Mfg. Co.

NORTH CAROLINA: Active 16; Total 16

ACTIVE

CHARLOTTE.....	{ Christie, J. G. C.	GOLDSBORO.....	Grantham, C. M.
	{ Goentner, W. B.	GREENSBORO.....	Foushee, J. G.
	{ Vest, W. E.	GREENVILLE.....	Allen, H. L.
CONCORD.....	Fisher, L. A.	RALEIGH.....	{ Bain, E. B.
	{ Michie, J. C.		{ Booker, W. H.
DURHAM.....	{ White, G. C.	SALISBURY.....	Neave, J. W.
EAGLE SPRINGS.....	Maurice, G. H.	WILMINGTON.....	Catlett, G. F.
ELIZABETH CITY.....	Lewis, R. E.	WINSTON-SALEM.....	Ludlow, J. L.

NORTH DAKOTA: Active 5; Honorary, 1: Total 6

ACTIVE

BISMARCK.....	Atkinson, T. R.	GRAFTON.....	Smith, K. H.
FARGO.....	{ Anders, F. L.	GRAND FORKS.....	Smith, J. J.
	Blakemore, R. B.		

HONORARY

BISMARCK.....Caulfield, J.

OHIO: Active 44; Corporate 3; Associate 9; Total 56

ACTIVE

BARNESVILLE.....	Hobbs, R. A.	COLUMBUS.....	{ Roberts, E. I.
CHILLICOTHE.....	Poland, J. A.		{ Waring, F. H.
	{ Bitgood, F. C.	DAYTON.....	{ Barlow, J. E.
	Boeh, W. H.		{ Wight, H. C.
	Hauser, S. J.	DELAWARE.....	Wiles, C. W.
CINCINNATI.....	Hill, J. W.	DENNISON.....	Romig, C. O.
	Miller, C. N.	FREMONT.....	Mohler, B. M.
	Pollard, S. G.	IRONTON.....	Heffelfinger, J. M.
	Stromquist, W. G.	KENT.....	Messer, S. F.
	Wagenhals, H. H.	LONDON.....	Fisher, E. P.
	Beardsley, J. C.	LORAIN.....	Brown, C. A.
CLEVELAND.....	Dusinberre, G. B.	MANSFIELD.....	McGinty, J. H.
	Quayle, LeR. A.	MASSILLON.....	Inman, A. W.
	Schulz, C. F.	SHELBY.....	Bricker, R. P.
	Bair, M. Z.	SIMONS.....	Britton, G.
	Burgess, P.	TIFFIN.....	Wetter, C. H.
	Dittoe, W. H.		{ Brown, C. S.
	Eno, F. H.	TOLEDO.....	{ Champe, G.
	Hoover, C. P.		{ Sherman, W. J.
COLUMBUS.....	McAlpine, A. H.	WELLINGTON.....	Gadfield, C. E.
	Martin, J. C.	XENIA.....	Cooper, G. F.
	O'Shaughnessy, J.		
	Richards, A.		

CORPORATE

LORAIN.....Lorain Water Works
 MARION.....Marion Water Co., The
 YOUNGSTOWN....Mahoning Valley Water Co., The

ASSOCIATE

CINCINNATI.. { Bourbon Copper & Brass Works Co.
 { Jarecki Chemical Co.
 { McGowan Co., The John
 CLEVELAND..... { Central Brass Mfg. Co., The
 { Farnan Brass Works Co., The
 { Glauber Brass Mfg. Co.
 { United Brass Mfg. Co.
 DAYTON.....Platt Iron Works Co.
 MASSILLON.....Massillon Iron & Steel Co., The

OKLAHOMA: Active 2; Total 2

ACTIVE

BARTLESVILLE.....Brua, E. G.
 MUSKOGEE.....Wood, H. H.

OREGON: Active 3; Corporate 1; Total 4

ACTIVE

HILLSBORO.....Gates, H. V. PORTLAND..... { Clarke, D. D.
Willard, E. C.

CORPORATE

PORTLAND.....Dept. of Public Utilities

PENNSYLVANIA: Active 107; Corporate 9; Associate 24; Total 140

ACTIVE

ALTOONA.....	Campbell, C. B.				Davis, C. E.
AMBLER.....	Devine, W. J.				Dunlap, F. C.
ASPINWALL.....	Drake, C. F.				Durst, J. A.
BALA.....	Ramsey, W. H. C.				Grayson, T. J.
BERWICK.....	Hicks, J. S.				Gushee, E. G.
BROOKVILLE.....	Sayer, F. D.				Keen, H. P.
BUCKS HILL FALLS, Thompson, C. N.					Kneen, A. H.
CARLISLE.....	Faller, C.				Ledoux, J. W.
CHAMBERSBURG.....	McGrath, F. R.				Lightfoot, J. C.
CHESTER.....	{ Whitlock, A. N.				Manz, L. C.
	{ Champion, R. B.				Miller, C. F.
CLEARFIELD.....	Nevling, J. B.				Nichol, E. M.
COLUMBIA.....	Meyers, A. H.		PHILADELPHIA.....		Quinn, M. P.
CORRY.....	Brown, R. W.				Russell, N. F. S.
DARBY.....	{ Krieger, A. A.				Siddons, J. S. V.
	{ Klein, W. I.				Stone, R. D.
DOYLESTOWN.....	Bishop, W.				Tarr, H. G. H.
EAST PITTSBURGH.....	Holmes, A. G.				Tolson, A.
EASTON.....	Rader, R. P.				Trautwine, J. C.
ERIE.....	{ Dunwoody, J. H.				Van Loan, S. M.
	{ Humphrey, E. W.				West, F. D.
FLORIN.....	Nissly, E. L.				Wheeler, R. C.
GERMANTOWN.....	Corin, M. F.				Wood, E. R., Jr.
GREENSBURG.....	Smith, L. B.				Wood, W.
	{ Crane, J. L.				Baton, W. U. C.
HARRISBURG.....	{ Emerson, C. A.				Chester, J. N.
	{ Knisely, J. H.				Handy, J. O.
	{ Schaup, C. E.				Hopkins, N. F.
JOHNSTOWN.....	{ Crichton, A. B.				Hudson, L.
	{ Watkins, T.				Knowles, M.
LANCASTER.....	{ Shaw, F. H.				Leopold, F. B.
	{ Will, C. K.				Mellon, T. A.
LEHIGHTON.....	West, G. M.				Rees, S. P.
LEWISTON.....	Cooper, S. W.				Scharff, M. R.
McKEESPORT.....	Trax, E. C.				Shepherd, A. B.
MEADVILLE.....	{ Ellsworth, H.				Taylor, S. A.
	{ Irwin, R. E.				POTTSVILLE.....
MONESSEN.....	McCabe, H. D.				{ Pollard, W. D.
MONONGAHELA.....	Nutt, J. A.				{ Felix, G. H.
MOUNT UNION.....	Bergan, P. H.				READING.....
NORRISTOWN.....	Jackson, R. A.				{ Heller, F. P.
NORTH EAST.....	Leet, J. N.				{ Nuebling, E. L.
					{ Cox, H. F.
					SCRANTON.....
					{ Taylor, G. R.
PHILADELPHIA..	{ Bartlett, N. E.				SHAMOKIN.....
	{ Bean, G. L.				McWilliams, C. Q.
	{ Birkenbine, C. P.				SOUTH BETHLEHEM...
	{ Boardman, W. H.				{ Watters, G. L.
	{ Buerger, C. B.				{ Sackett, R. L.
					STATE COLLEGE....
					{ Walker, E. D.
					SUNBURY.....
					{ Rohrbach, W. R.

VERONA.....	Moore, G. H.		
WASHINGTON.....	Donnan, A.	WILLIAMSPORT.....	{ Keliher, T. Krause, M. C.
WAYNE.....	Pugh, M. R.		{ Wilhelm, E. G.
WILKES-BARRE.....	{ Lance, J. H. Lance, O. M.	WOMELSDORF.....	{ Filbert, W. D.
WILKINSBURG.....	{ Fox, C. L. Hawley, W. C.	YORK.....	{ Graff, G. W. Kable, E. P.

CORPORATE

EAGLES MERE.....	Eagles Mere Water Co.
EASTON.....	South Easton Water Co.
ERIE.....	Erie Commissioners of Water Works
MILTON.....	White Deer Mountain Water Co.
MOUNT CARMEL.....	Mount Carmel Water Co.
PITTSBURGH.....	Trafford Water Co.
READING.....	Bureau of Water
SCRANTON.....	Scranton Gas & Water Co.
WILLIAMSPORT.....	Williamsport Water Co.

ASSOCIATE

BERWICK.....	Multiplex Mfg. Co.
BRADFORD.....	Dresser Mfg. Co., S. R.
EAST PITTSBURGH.....	Pittsburgh Meter Co.
EMAUS.....	Donaldson Iron Co.
ERIE.....	Hays Mfg. Co.
LINFIELD.....	Sanitary Co. of America, The
	American Manganese Bronze Co.
	American Pipe & Construction Co., The
	Boyd & Bro., James
	Harrisons, Incorporated
	Leadite Co., The
PHILADELPHIA...	Lennig & Co., Charles
	McBride, T. C.
	Pennsylvania Salt Mfg. Co., The
	Roberts, C. V.
	Schram & Son, Chris. D.
	Simplex Valve & Meter Co.
	United States Cast Iron Pipe & Foundry Co.
	Wood & Co., R. D.
PITTSBURGH.....	{ Berg, J. D. Pittsburgh Filter Mfg. Co. Pittsburgh-Des Moines Filter Co. Woods, Floyd F.
WILLIAMSPORT.....	Darling Pump & Mfg. Co., The

RHODE ISLAND: Active 2; Associate 1; Total 3

ACTIVE

BRISTOL.....	Jones, J. M.
PROVIDENCE.....	Smith, C. H.

ASSOCIATE

PROVIDENCE..Builders' Iron Foundry

SOUTH CAROLINA: Active 7; Corporate 1; Total 8

ACTIVE

COLUMBIA.....	Wyse, F. C.		
GREENWOOD.....	Cothran, T. W.	SPARTANBURG.....	{ Boyd, M. M. Enslow, L. H.
MIDLAND PARK.....	Worthen, J. M.		{ Liles, F. L.
		UNION.....	Easterling, R. A.

CORPORATE

CHARLESTON.....	Comnrs. of Public Works
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SOUTH DAKOTA: Active 2; Total 2

ACTIVE

RAPID CITY..... Mangold, J. F.
 SIOUX FALLS..... Connor, F. J.

TENNESSEE: Active 13; Corporate 2; Associate 2; Total 17

ACTIVE

CHATTANOOGA.....	Lofton, H. M.	MARYVILLE.....	Huston, R. C.
DYERSBURG.....	Blakeman, S. R.	MEMPHIS.....	Layne, M. E.
ETOWAH.....	Price, W. H.		Ahearn, J. T.
FOUNTAIN CITY.....	Murphy, A. R.		Bulkley, O. E.
JACKSON.....	Harris, H. M.	NASHVILLE.....	Elliott, R.
KNOXVILLE.....	Switzer, J. A.		Reyer, G.
			Treanor, P. W.

CORPORATE

COLUMBIA..... Columbia Light & Water Co.
 MEMPHIS... Memphis Artesian Water Dept.

ASSOCIATE

CHATTANOOGA.... Columbian Iron Works
 MEMPHIS..... Layne & Bowler Co.

TEXAS: Active 6; Corporate 2; Honorary 1; Total 9

ACTIVE

DALLAS.....	{ Elrod, H. E.	FORT WORTH.....	Eldredge, G.
	Hardgrave, A.	SAN ANTONIO.....	Harding, R. J.
	Rosenthal, H.	WACO.....	Martin, A. M.

CORPORATE

TEMPLE..... Temple Water Works
 WACO..... Waco Water Works

HONORARY

GALVESTON..... Cameron, W. L.

UTAH: Active 1; Total 1

ACTIVE

SALT LAKE CITY..... Barrett, C. F.

VERMONT: Active 2; Total 2

ACTIVE

BENNINGTON..... Ayres, J. H.
 BURLINGTON..... Moat, C. P.

VIRGINIA: Active 16; Corporate 2; Associate 2; Total 20

ACTIVE

CHARLOTTESVILLE.....	Carter, C. D.	NORFOLK.....	Bliven, C. H.
CITY POINT.....	{ Boyle, E. C.	PETERSBURG.....	{ Bunting, P. G.
	Showell, E. B. Jr.		Daniels, F. E.
	Warner, W. S.		Bolling, C. E.
DANVILLE.....	Talbott, F.	RICHMOND.....	Claiborne, H. A.
FREDERICKSBURG....	Goodrick, E. H.		Davis, E. E.
LYNCHBURG.....	Perrow, M. G.		Messer, R.
NEWPORT NEWS..	{ Livezey, W. B.		
	Manville, F. D.		

WYOMING: Active 2; Total 2

ACTIVE

CHEYENNE.....Carlisle, C. C. ROCK SPRINGS.....Bell, D. V.

CANADA: Active 53; Corporate 8; Associate, 1; Total 62

ACTIVE

BRANDON, MAN.....	Shaw, A. W.	NIAGARA FALLS, ONT.....	Warder, C.
BRANTFORD, ONT....	{ Frank, F. W.	OTTAWA.....	{ McRae, J. B.
	{ Webster, D. L.		{ MacDonald, W. E.
BROCKVILLE.....	Bryson, G. H.		{ Race, J.
EDMONTON, ALTA.....	Owens, R. B.	PERTH, ONT.....	Smith, R. J.
	{ Hymmen, H.	ST. CATHARINES.....	Milne, A.
KITCHENER, ONT....	{ Michel, B. G.	STE. ANNE DE BELLEVUE..	Stephen, C.
LINDSAY, ONT.....	Hammond, W. H.		{ Angus, R. W.
LONDON, ONT.....	{ Hodgkinson, T.		{ Chipman, W.
	{ Moore, J. M.		{ Conway, G. R. G.
MERRITON, ONT.....	Clark, R.		{ Dallyn, F. A.
	{ Francis, W. J.		{ Fellows, C. L.
	{ Hunter, H. G.		{ Gaby, F. A.
	{ Laberge, F. C.	TORONTO....	{ Gore, W.
	{ Lafreniere, T. J.		{ Harris, R. C.
	{ Lea, R. S.		{ Mitchell, C. H.
	{ Leclerc, P.		{ Randall, W. H.
	{ Lesage, R.		{ Rust, C. H.
MONTREAL.....	{ Lesage, T. W.		{ Salmond, J. J.
	{ McCrady, MacH.		{ Storrie, W.
	{ Mercier, P.-E.		{ Wynne-Roberts, R. O.
	{ Perry, W.	TRENTON.....	Hicks, A. T.
	{ Pitcher, F. H.	WALKERVILLE, ONT.....	Brown, C. D.
	{ Plamondon, A.		{ Blair, McC. P.
	{ Ross, R. A.		{ Ruttan, H. N.
	{ Surveyor, A.	WINNIPEG, MAN.....	{ Scott, W. M.
MOOSE JAW, SASK....	Mackie, G. D.		{ Stainton, H.

CORPORATE

BRANTFORD.....Brantford Water Commissioners
 GALT.....Galt Water Commission
 LONDON.....Public Utilities Commission
 PETERBOROUGH..Peterborough Utilities Commission
 SAULT STE. MARIE.....City Water & Light Co.
 ST. THOMAS.....St. Thomas Water Commissioners
 WATERLOO....Waterloo Water & Light Commission
 WINNIPEG.....Greater Winnipeg Water Dist.

ASSOCIATE

TORONTO....Canadian Engineer, The

FOREIGN: Active 38; Corporate 1; Associate 2; Honorary 1; Total 42

ACTIVE

ARGENTINA:

BAHIA BLANCA.....Anthony, C.
 { Lasso, A. F.
 BUENOS AIRES.....{ Raffo, B. M.

AUSTRALIA:

BRISBANE.....{ Hargreaves, J.
 { Henderson, J. B.
 { Peart, J.

AUSTRALIA:

MELBOURNE... { Neylon, C.M. B. L.
 Ritchie, E. G.
 MILLBROOK.....Bradley, E. J.
 NEWCASTLE.....Ewing, James
 NORTH SYDNEY.....Smith, C. W.
 PERTH.....Trethowan, H. C.
 PORT AUGUSTA, ..Saunders, F.W. T.

BRAZIL:

SAN PAULO.....Pedroso, A. M.

CENTRAL AMERICA:

SAN SALVADOR.....Klein, F.

CANAL ZONE:

BALBOA HEIGHTS...Bunker, G. C.

CHILE:

SANTIAGO.....Neut, G.

CUBA:

HAVANA..... { Cosculluela, J. A.
 Montoulieu, H. J.
 MATANZAS.....Heydrich, A.
 SALAMANCA.....Hobby, A. S.

ENGLAND:

BEXHILL-ON-SEA... King, C. P.
 TUNBRIDGE.....Jarvis, A. C.

FRANCE:

PARIS.....Cavallier, C.

HAWAII:

HONOLULU.....Murray, H. E.

INDIA:

NAMTU (Burma)...Jenks, H. N.

CALCUTTA..... { Cameron, A. P.
 Lawton, R. W.

IRELAND:

WEXFORDWickham, J. T.

JAPAN:

TOKYO { Inoue, S.
 Nishioeda, S.

MEXICO:

GUADALAJARA....Blake, C. H. M.

PHILLIPINE ISLANDS:

MANILA.....Gideon, A.

RUSSIA:

PETROGRAD... { Kapoustine, T.
 Kontkovski, E. B.

SCOTLAND:

ABERDEEN.....Mitchell, G.
 DALCROSS.....McIntosh, W., Jr.

STRAITS SETTLEMENTS:

SINGAPORE.....Tomlinson, S.

CORPORATE

AUSTRALIA:

SYDNEY..Metropolitan Bd. of Water Sup. & Sewage

ASSOCIATE

SCOTLAND:

CRAIGWARD.....McQuistan, A. N.
 GLASGOW.....Stewarts & Lloyds

HONORARY

JAPAN:

TOKYO.....Nakajima, Y.

SUMMARY BY STATES

	<i>Active</i>	<i>Corporate</i>	<i>Associate</i>	<i>Honorary</i>	<i>Total</i>
Alabama.....	8	1	2	..	11
Arizona.....	4	..	..	..	4
Arkansas.....	..	1	..	..	1
California.....	28	5	..	1	34
Colorado.....	8	..	1	..	9
Connecticut.....	21	1	3	1	26
Delaware.....	6	..	..	..	6
District of Columbia.....	8	..	..	..	8
Florida.....	8	..	..	..	8
Georgia.....	13	..	..	..	13
Idaho.....	2	..	..	..	2
Illinois.....	103	3	15	..	121
Indiana.....	19	3	2	..	24
Iowa.....	42	1	1	..	44
Kansas.....	11	1	..	..	12
Kentucky.....	17	4	1	..	22
Louisiana.....	8	2	..	..	10
Maine.....	18	..	..	..	18
Maryland.....	16	..	..	..	16
Massachusetts.....	37	..	5	..	42
Michigan.....	27	4	1	..	32
Minnesota.....	34	2	1	1	38
Mississippi.....	6	..	..	..	6
Missouri.....	29	3	1	1	34
Montana.....	4	1	..	..	5
Nebraska.....	6	1	..	..	7
Nevada.....	2	1	..	..	3
New Hampshire.....	..	1	..	..	1
New Jersey.....	65	6	6	..	77
New Mexico.....	..	2	..	..	2
New York.....	181	14	43	..	238
North Carolina.....	16	..	..	..	16
North Dakota.....	5	..	..	1	6
Ohio.....	44	3	9	..	56
Oklahoma.....	2	..	..	..	2
Oregon.....	3	1	..	..	4
Pennsylvania.....	107	9	24	..	140
Rhode Island.....	2	..	1	..	3
South Carolina.....	7	1	..	..	8
South Dakota.....	2	..	..	..	2
Tennessee.....	13	2	2	..	17
Texas.....	6	2	..	1	9
Utah.....	1	..	..	..	1
Vermont.....	2	..	..	..	2
Virginia.....	16	2	2	..	20
Washington.....	6	2	..	..	8
West Virginia.....	7	..	..	..	7
Wisconsin.....	24	1	2	..	27
Wyoming.....	2	..	..	..	2
Canada.....	53	8	1	..	62
Foreign.....	38	1	2	1	42
	1087	89	125	7	1308